



Contents USER MANUALS:

Model: HOME-450	2
Model: HOME-650	6
Model: HOME-750	10
Model: HOME-1400	14
Model: HOME-2500	18
Model: PRO-08.....	22
Model: PRO-20.....	26
Model: PRO-30, PRO-50, PRO-70, PRO-100, PRO-150, PRO-300, PRO-300XL, IND-100.....	30
Model: PRO-70S, PRO-100S, PRO-150S, PRO-300S	34
Model: PRO-150MF, PRO-300MF.....	38
Model: PRO-100DF, PRO-300DF.....	42
Model: PRO-100SP, PRO-400.....	46
Model: PRO-600, PRO-1000, PRO-2000, PRO-3000.....	50
Model: PRO-2000-PNEUMATIC, PRO-3000-PNEUMATIC, PRO-7800-PNEUMATIC	55

USER MANUAL

Model: HOME-450



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

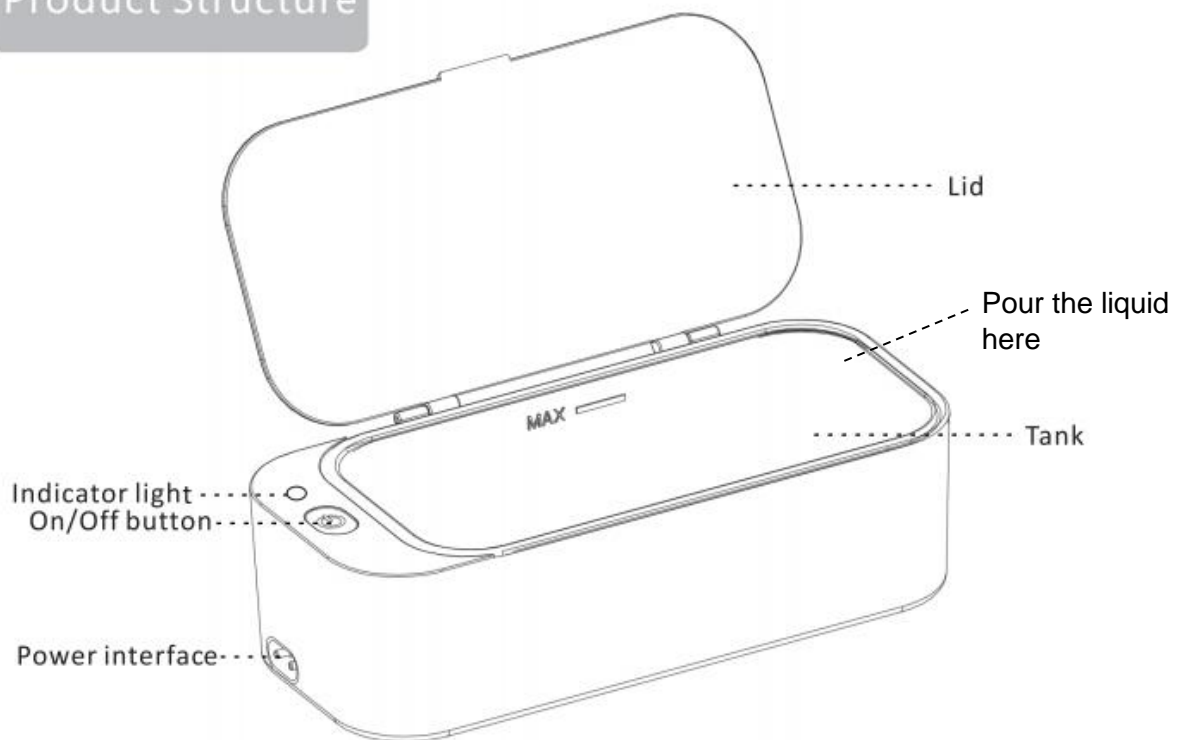
Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:

Product Structure



1. Pour the cleaning solution into the cleaning tank and place basket with items for cleaning into tank. Firmly connect the power plug to appropriate grounded power socket (220-240V/50Hz, 100-120V/50 Hz) after the tank is filled to ensure safety. Ultrasonic cleaner display will show timer setting used for previous cleaning process.
2. Use "Time +/-" button to adjust ultrasonic operating time from 1 to 5 minutes. Each time you press the button timer will increase for 1 minute. Adjust the timer according to the needs of cleaning process.
3. Activate ultrasound operation by pressing "Switch" button and it will work until timer runs out. To deactivate ultrasonic operation press "Switch" button again.
4. After cleaning, unplug the power cord and remove the item basket. Rinse items with clean water. Drain the dirty liquid from the cleaner. To do this, drain the liquid on the right side of the cleaner. Never overflow the on / off button. Wipe the dish with a dry soft cloth.

WARNING:

- Cleaner can work up to 30 minutes continuously, after that it has to rest for 5 minutes!
- Running machine without water will damage the cleaner.
- Do not throw objects in the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

1. Always connect ultrasonic cleaner to AC240V/50Hz, AC 120V 50/60Hz electricity outlet.
2. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
3. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
4. Perform cleaning of the appliance only after the power supply is disconnected.
5. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
6. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
7. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
8. Do not leave the appliance plugged in electricity unattended.
9. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
10. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
11. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
12. Do not use inflammable cleaning agents in the tank!
13. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
14. **Always fill at least 2/ 3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
15. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
16. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
17. Any foreign matter falling into the tank should be taken out immediately.
18. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
19. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 1 year / 12 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

1. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
2. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

USER MANUAL

Model: HOME-650



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:

1. The upper cover
2. Inspection window
3. SUS304 Stainless steel cleaning tank
4. Time +
5. Time -
6. Switch
7. Power Cord



5. Pour the cleaning solution into the cleaning tank and place basket with items for cleaning into tank. Firmly connect the power plug to appropriate grounded power socket (220V/50Hz) after the tank is filled to ensure safety. Ultrasonic cleaner display will show timer setting used for previous cleaning process.
6. Use "Time +/-" button to adjust ultrasonic operating time from 1 to 5 minutes. Each time you press the button timer will increase for 1 minute. Adjust the timer according to the needs of cleaning process.
7. Activate ultrasound operation by pressing "Switch" button and it will work until timer runs out. To deactivate ultrasonic operation press "Switch" button again.
8. After cleaning disconnect power cable and remove basket with items. Rinse items with clean water. Discharge soiled liquid from the cleaner. Wipe the tank with dry soft cloth.

WARNING:

- Cleaner can work up to 30 minutes continuously, after that it has to rest for 5 minutes!
- Running machine without water will damage the cleaner.
- Do not throw objects in the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

20. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
21. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
22. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
23. Perform cleaning of the appliance only after the power supply is disconnected.
24. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
25. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
26. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
27. Do not leave the appliance plugged in electricity unattended.
28. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
29. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
30. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
31. Do not use inflammable cleaning agents in the tank!
32. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
33. **Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
34. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
35. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
36. Any foreign matter falling into the tank should be taken out immediately.
37. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
38. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 1 year / 12 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

3. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
4. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: HOME-750



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

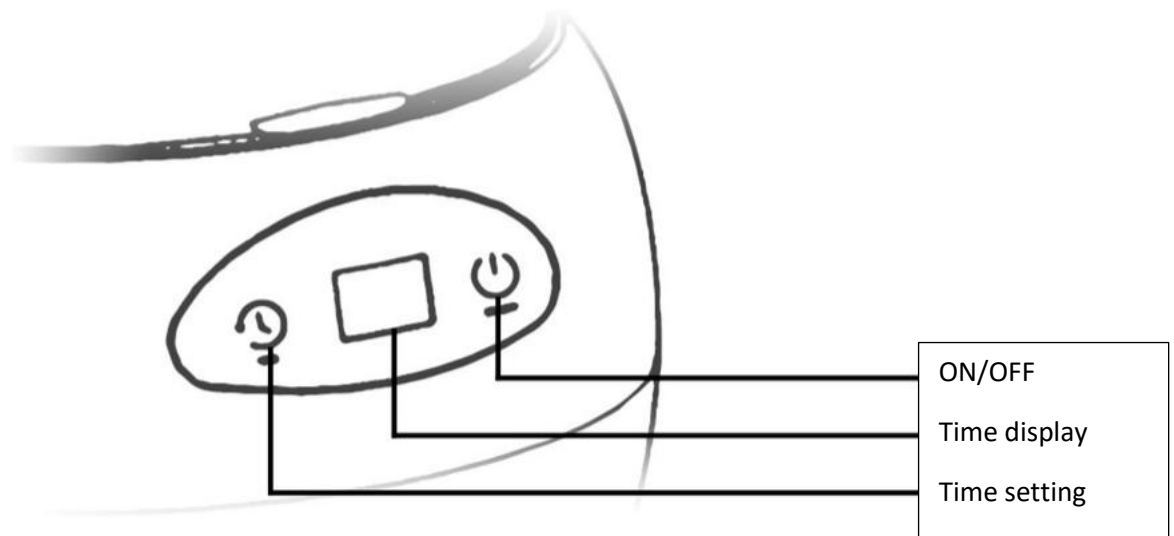
- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:



9. Pour the cleaning solution into the cleaning tank and place basket with items for cleaning into tank. Firmly connect the power plug to appropriate grounded power socket (220V/50Hz) after the tank is filled to ensure safety. Ultrasonic cleaner display will show timer setting used for previous cleaning process.
10. Use "Time +/-" button to adjust ultrasonic operating time from 1 to 5 minutes. Each time you press the button timer will increase for 1 minute. Adjust the timer according to the needs of cleaning process.
11. Activate ultrasound operation by pressing "Switch" button and it will work until timer runs out. To deactivate ultrasonic operation press "Switch" button again.
12. After cleaning disconnect power cable and remove basket with items. Rinse items with clean water. Discharge soiled liquid from the cleaner. Wipe the tank with dry soft cloth.

WARNING:

- Cleaner can work up to 30 minutes continuously, after that it has to rest for 5 minutes!
- Running machine without water will damage the cleaner.
- Do not throw objects in the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

39. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
40. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
41. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
42. Perform cleaning of the appliance only after the power supply is disconnected.
43. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
44. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
45. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
46. Do not leave the appliance plugged in electricity unattended.
47. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
48. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
49. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
50. Do not use inflammable cleaning agents in the tank!
51. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
52. **Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
53. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
54. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
55. Any foreign matter falling into the tank should be taken out immediately.
56. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
57. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 1 year / 12 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

5. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
6. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: HOME-1400



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

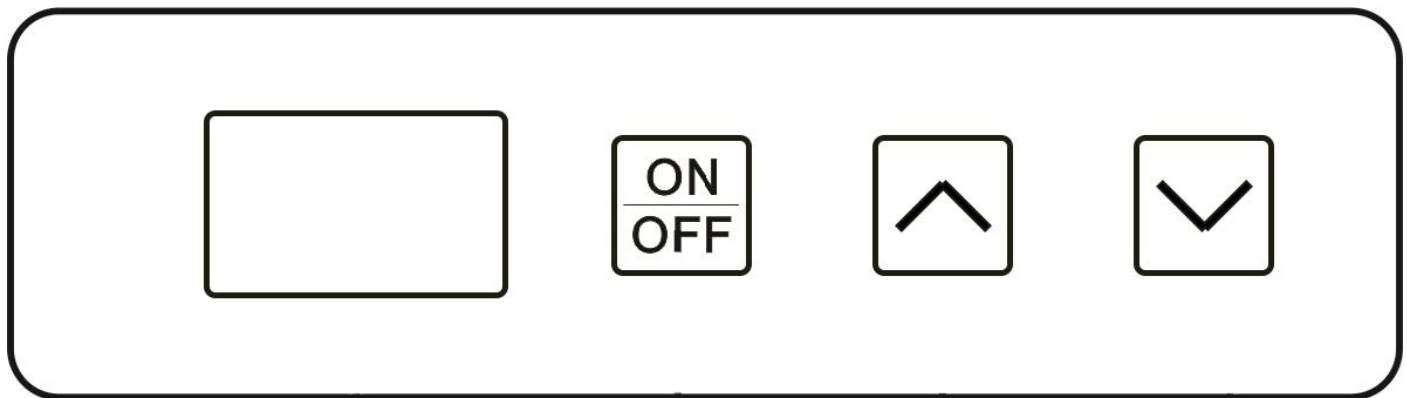
- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:



Time indicator

ON/OFF

Time +

Time -

1. Pour the cleaning solution into the cleaning tank and place basket with items for cleaning into tank. Firmly connect the power plug to appropriate grounded power socket (220V/50Hz) after the tank is filled to ensure safety. Ultrasonic cleaner display will show timer setting used for previous cleaning process.
2. If you need to warm up cleaning solution in the tank, activate heater by pressing **"Heater on/off (TC)"** button. The heating will turn off when temperature of solution in the tank is 65°C. If temperature goes below that level, heater will activate again. You can turn off heater before 65°C temperature is reached by pressing **"Heater on/off"** again.
3. Use **"Time setting"** button to adjust ultrasonic operating time from 1 to 8 minutes. Adjust the timer according to the needs of cleaning process.
4. Activate ultrasound operation by pressing **"Start - ON"** button, it will operate until timer runs out. To deactivate ultrasonic operation at anytime press **"Stop - OFF"** button.
5. After cleaning disconnect power cable and wait for liquid to cool down before removing basket with items. Rinse items with clean water. Discharge soiled liquid from the cleaner. Wipe the tank with dry soft cloth.

WARNING:

- Cleaner can work up to 30 minutes continuously, after that it has to rest for 5 minutes!
- Running machine without water will damage the cleaner.
- Do not throw objects in the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

58. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
59. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
60. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
61. Perform cleaning of the appliance only after the power supply is disconnected.
62. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
63. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
64. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
65. Do not leave the appliance plugged in electricity unattended.
66. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
67. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
68. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
69. Do not use inflammable cleaning agents in the tank!
70. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
- 71. Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
72. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
73. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
74. Any foreign matter falling into the tank should be taken out immediately.
75. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
76. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 1 year / 12 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

7. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
8. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: HOME-2500



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:



1. Pour the cleaning solution into the cleaning tank and place basket with items for cleaning into tank. Firmly connect the power plug to appropriate grounded power socket (220V/50Hz) after the tank is filled to ensure safety. Ultrasonic cleaner display will show timer setting used for previous cleaning process.
2. If you need to warm up cleaning solution in the tank, activate heater by pressing **"(TC) Heater on/off"** button. The heating will turn off when temperature of solution in the tank is 65°C. If temperature goes below that level, heater will activate again. You can turn off heater before 65°C temperature is reached by pressing **"(TC) Heater on/off"** again.
3. Use **"Time setting"** button to adjust ultrasonic operating time from 60sec to 480sec minutes. Adjust the timer according to the needs of cleaning process.
4. Activate ultrasound operation by pressing **"Start – ON"** button, it will operate until timer runs out. To deactivate ultrasonic operation at anytime press **"Stop – OFF"** button.
5. After cleaning disconnect power cable and wait for liquid to cool down before removing basket with items. Rinse items with clean water. Discharge soiled liquid from the cleaner. Wipe the tank with dry soft cloth.

WARNING:

- Cleaner can work up to 30 minutes continuously, after that it has to rest for 15 minutes!
- Running machine without water will damage the cleaner.
- Do not throw objects in the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is

responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

77. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
78. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
79. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
80. Perform cleaning of the appliance only after the power supply is disconnected.
81. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
82. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
83. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
84. Do not leave the appliance plugged in electricity unattended.
85. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
86. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
87. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
88. Do not use inflammable cleaning agents in the tank!
89. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
90. **Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
91. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
92. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
93. Any foreign matter falling into the tank should be taken out immediately.
94. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
95. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 1 year / 12 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

6. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
7. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

For all repairs under the guarantee, please contact the importer and distributor for Europe:
ASONIC d.o.o., Tržaška cesta 134, 1000 Ljubljana, Slovenia, EU.

USER MANUAL

Model: PRO-08



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

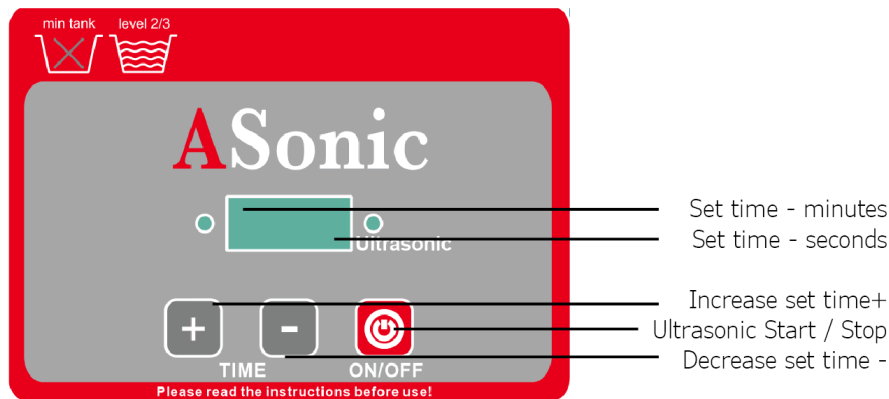
- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:



1. Pour the cleaning solution into the cleaning tank and place the basket with items for cleaning into the tank. After the tank is filled, firmly connect the power plug to appropriate grounded power socket (220V/50Hz) to ensure safety
2. Adjust desired ultrasonic operation time using time increase (+) or decrease (-) buttons. Activate ultrasonic operation by pressing Ultrasonic Start/Stop button. Ultrasound will work until the timer runs out, or you can stop the operation before the timer runs out by pressing Ultrasonic Start/Stop button again.
3. **IMPORTANT:** After cleaning press „Ultrasonic Stop“! Then wait for the liquid to cool down before removing the basket with items. Rinse items with clean water. Disconnect the power cable and discharge soiled liquid from the cleaner. Wipe the tank with a soft dry cloth.

WARNING:

- The cleaner can work up to 30 minutes continuously, after that it has to rest for at least 15 minutes!
- Running the appliance without water will damage the cleaner.
- Do not throw objects into the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

96. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
97. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
98. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
99. Perform cleaning of the appliance only after the power supply is disconnected.
100. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
101. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
102. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
103. Do not leave the appliance plugged in electricity unattended.
104. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
105. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
106. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
107. Do not use inflammable cleaning agents in the tank!
108. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
- 109. Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
110. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
111. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
112. Any foreign matter falling into the tank should be taken out immediately.
113. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
114. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 2 years / 24 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

8. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
9. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: PRO-20



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

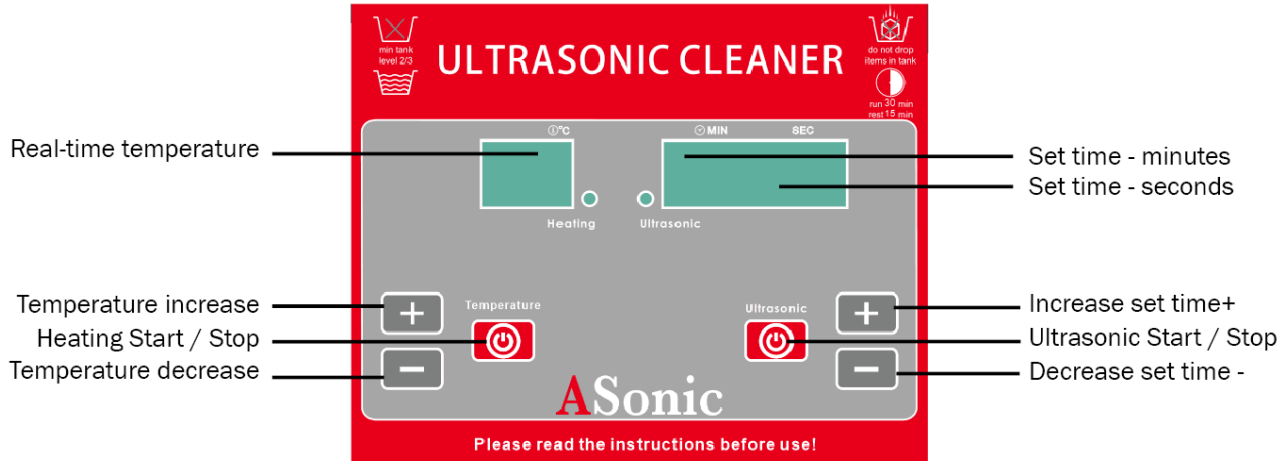
Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-

ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:



1. Pour the cleaning solution into the cleaning tank and place the basket with items for cleaning into the tank. After the tank is filled, firmly connect the power plug to appropriate grounded power socket (220V/50Hz) to ensure safety. Ultrasonic cleaner display will show default time 3 min and temperature 25°C.
2. Adjust desired cleaning temperature using "temperature increase (+)" or "decrease (-)" buttons. Tank heater will be activated when pushing "Heating Start" if set temperature is higher than inside temperature. Once the set temperature is reached, heater will turn off.
3. **IMPORTANT: Do not set the temperature value higher than actual temperature unless at least 2/3 of the tank is filled with liquid. When using heating turn ON ultrasound!**
4. Adjust desired ultrasonic operation time using "time increase (+)" or "time decrease (-)" buttons. Activate ultrasound operation by pressing "Ultrasonic Start/Stop" button. Ultrasound will work until the timer runs out, or you can stop the operation before the timer runs out by pressing "Ultrasonic Start/Stop" button again.
5. **IMPORTANT: After cleaning press "Ultrasonic Stop" and "Heating Stop"!** Then wait for the liquid to cool down before removing the basket with items. Rinse items with clean water. Disconnect the power cable and discharge soiled liquid from the cleaner. Wipe the tank with a soft dry cloth.

WARNING:

- The cleaner can work up to 30 minutes continuously, after that it has to rest for at least 15 minutes!
- Running the appliance without water will damage the cleaner.
- Do not throw objects into the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is

responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

115. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
116. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
117. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
118. Perform cleaning of the appliance only after the power supply is disconnected.
119. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
120. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
121. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
122. Do not leave the appliance plugged in electricity unattended.
123. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
124. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
125. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
126. Do not use inflammable cleaning agents in the tank!
127. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
- 128. Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
129. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
130. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
131. Any foreign matter falling into the tank should be taken out immediately.
132. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
133. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 2 years / 24 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

10. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
11. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: PRO-30, PRO-50, PRO-70, PRO-100, PRO-150, PRO-300, PRO-300XL,
IND-100



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

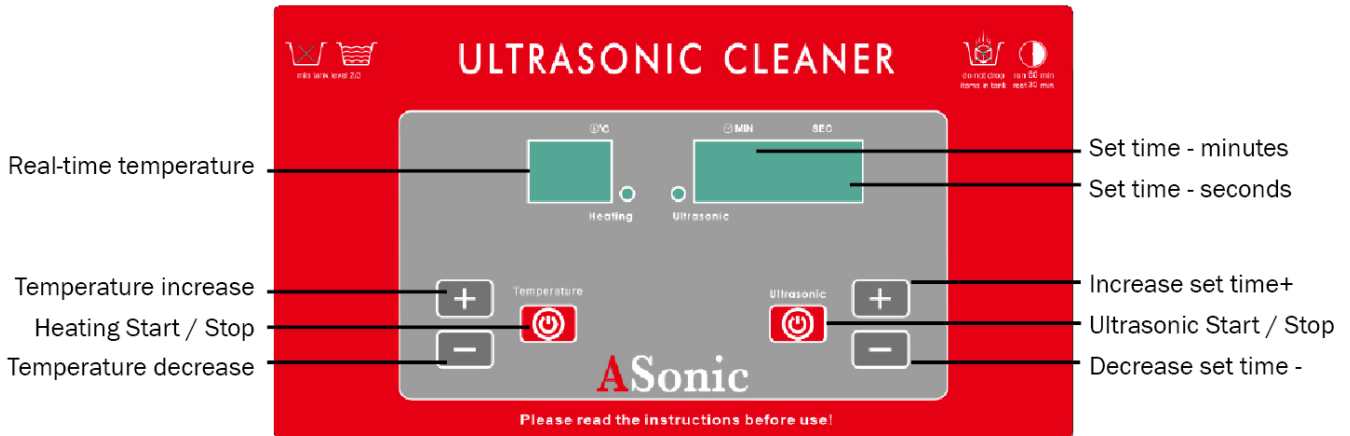
- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:



1. Pour the cleaning solution into the cleaning tank and place the basket with items for cleaning into the tank. After the tank is filled, firmly connect the power plug to appropriate grounded power socket (220V/50Hz) to ensure safety. Ultrasonic cleaner display will show default time 3 min and temperature 25°C.
2. Adjust desired cleaning temperature using "temperature increase (+)" or "decrease (-)" buttons. Tank heater will be activated when pushing Heating Start if set temperature is higher than inside temperature. Once the set temperature is reached, heater will turn off.
3. **IMPORTANT: Do not set the temperature value higher than actual temperature unless at least 2/3 of the tank is filled with liquid. When using heating turn ON ultrasound!**
4. Adjust desired ultrasonic operation time using "time increase (+)" or "decrease (-)" buttons. Activate ultrasound operation by pressing "Ultrasonic Start/Stop" button. Ultrasound will work until the timer runs out, or you can stop the operation before the timer runs out by pressing "Ultrasonic Start/Stop" button again.
5. **IMPORTANT: After cleaning press "Ultrasonic Stop" and "Heating Stop"! Then wait for the liquid to cool down before removing the basket with items. Rinse items with clean water. Disconnect the power cable and discharge soiled liquid from the cleaner. Wipe the tank with a soft dry cloth.**

WARNING:

- The cleaner can work up to 60 minutes continuously, after that it has to rest for at least 30 minutes!
- Do not throw objects into the tank or hit the appliance as it may cause damage.
- The use of a ultrasonic cleaner without liquid is prohibited as the appliance may get damaged fast.

- Heaters and ultrasonic transducers are on the underside of the tank. To heat the liquid, it is necessary to turn on both heating and ultrasound and cover the tank with a lid.
- Heating the liquid with a heater only is not recommended, as it significantly prolongs the heating time of the liquid.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

1. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
2. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
3. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
4. Perform cleaning of the appliance only after the power supply is disconnected.
5. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
6. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
7. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
8. Do not leave the appliance plugged in electricity unattended.
9. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
10. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
11. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
12. Do not use inflammable cleaning agents in the tank!
13. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
14. **Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
15. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
16. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
17. Any foreign matter falling into the tank should be taken out immediately.
18. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
19. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 2 years / 24 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

1. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
2. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: PRO-70S, PRO-100S, PRO-150S, PRO-300S



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

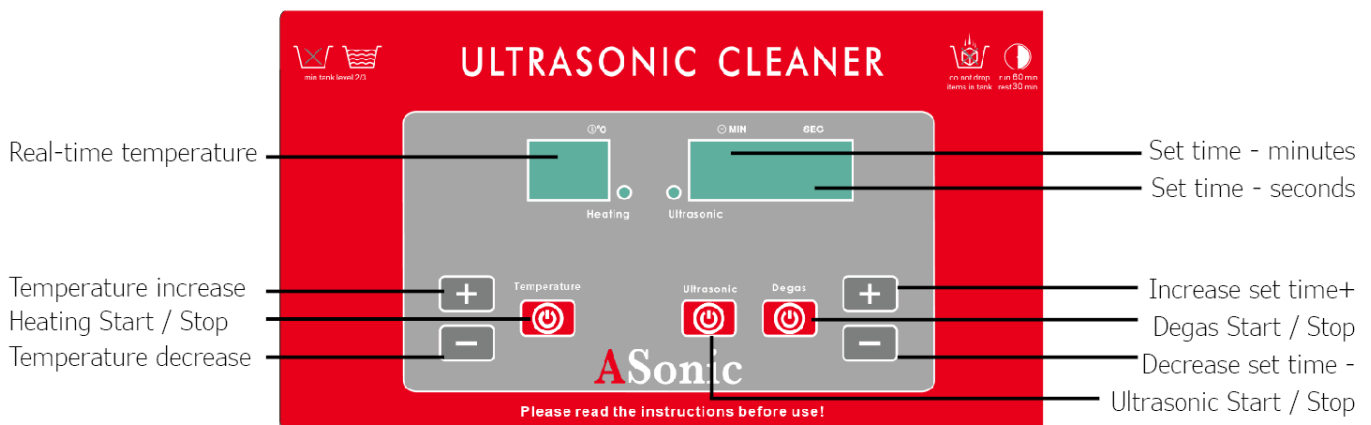
- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:



1. Pour the cleaning solution into the cleaning tank and place the basket with items for cleaning into the tank. After the tank is filled, firmly connect the power plug to appropriate grounded power socket (220V/50Hz) to ensure safety. Ultrasonic cleaner display will show default time 3 min and temperature 25°C.
2. Adjust desired cleaning temperature using "temperature increase (+)" or "decrease (-)" buttons. Tank heater will be activated when pushing "Heating Start" if set temperature is higher than inside temperature. Once the set temperature is reached, heater will turn off.
3. **IMPORTANT:** Do not set the temperature value higher than actual temperature unless at least 2/3 of the tank is filled with liquid. When using heating turn ON ultrasound!
4. Switching the "Degas Start / Stop" - the function works by switching the ultrasound on for a short time and then switching it off, thus repeating the cycle until the degas function is switched off. Degas removes air bubbles from the liquid and the surface of the objects, thus enabling better cleaning of the entire surface of the object, suitable when there are a large number of objects in the bath.
5. Adjust desired ultrasonic operation time using "time increase (+)" or "decrease (-)" buttons. Activate ultrasound operation by pressing "Ultrasonic Start/Stop" button. Ultrasound will work until the timer runs out, or you can stop the operation before the timer runs out by pressing "Ultrasonic Start/Stop" button again.
6. **IMPORTANT:** After cleaning press "Ultrasonic Stop" and "Heating Stop"! Then wait for the liquid to cool down before removing the basket with items. Rinse items with clean water. Disconnect the power cable and discharge soiled liquid from the cleaner. Wipe the tank with a soft dry cloth.

WARNING:

- The cleaner can work up to 60 minutes continuously, after that it has to rest for at least 30 minutes!
- The use of a ultrasonic cleaner without liquid is prohibited as the appliance may get damaged fast.

- Heaters and ultrasonic transducers are on the underside of the tank. To heat the liquid, it is necessary to turn on both heating and ultrasound and cover the tank with a lid.
- Heating the liquid with a heater only is not recommended, as it significantly prolongs the heating time of the liquid.
- Do not throw objects into the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

1. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
2. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
3. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
4. Perform cleaning of the appliance only after the power supply is disconnected.
5. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
6. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
7. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
8. Do not leave the appliance plugged in electricity unattended.
9. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
10. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
11. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
12. Do not use inflammable cleaning agents in the tank!
13. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
14. **Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
15. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
16. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
17. Any foreign matter falling into the tank should be taken out immediately.
18. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
19. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 2 years / 24 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

12. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
13. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: PRO-150MF, PRO-300MF



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

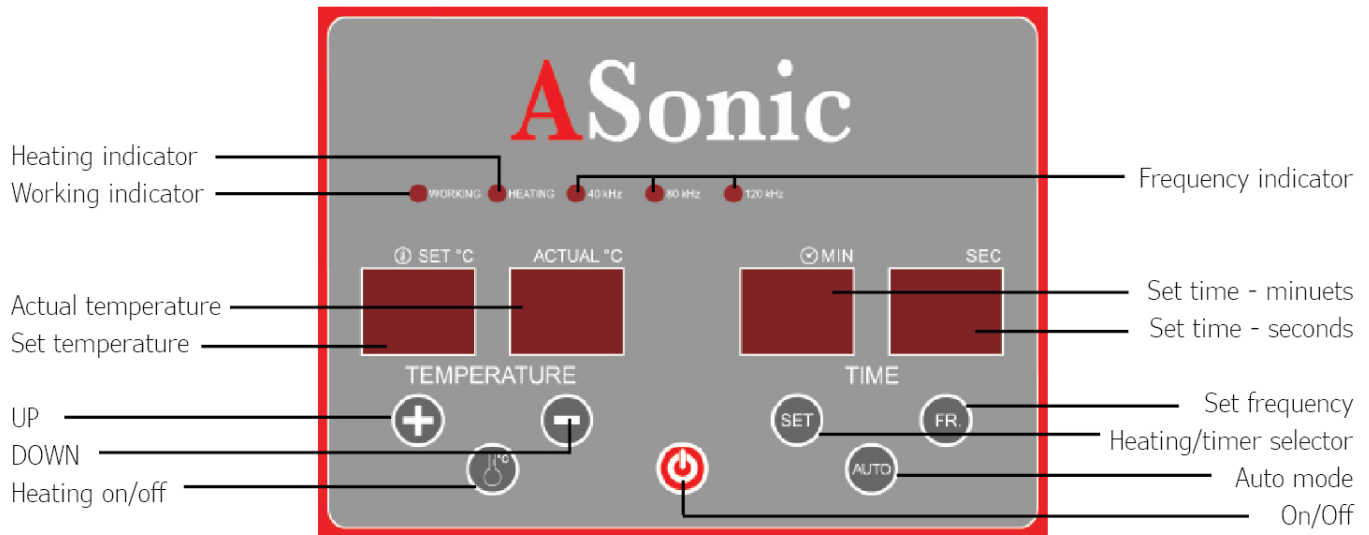
- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:



1. Pour the cleaning solution into the cleaning tank and place basket with items for cleaning into tank. Firmly connect the power plug to appropriate grounded power socket (220V/50Hz) after the tank is filled to ensure safety and turn on the red switch on the back of the unit. Ultrasonic cleaner display will show time and temperature values used for previous cleaning process.
2. Use **"Heating/timer selector (SET)"** to choose between adjustment modes for temperature and time. When you select desired parameter (temperature or time) use buttons **"UP (+)"** and **"DOWN (-)"** to adjust values needed for your cleaning process. Single press of buttons (+) and (-) will change values for 1 unit (1°C or 1 minute). If you press and hold buttons (+) or (-), values will change rapidly by 10 units. Press **"set frequency (FR)"**. button to select optimal frequency (40 - 80 - 120 kHz.) for your cleaning process.
3. When all parameters are set, use **"Heating on/off"** button to turn the tank heater on. Heater will turn off automatically when actual temperature reaches set temperature level, and will power on again if actual temperature falls below set level.
4. Once temperature is achieved, activate ultrasonic operation by pressing **"On/Off"** button. Ultrasound will work until timer runs out or you can turn it off by pressing **"On/Off"** button again. Optionally you can activate ultrasonic operation by selecting **"Auto mode (AUTO)"** in which ultrasonic cleaner will periodically cycle through preset frequencies. To deactivate **"Auto mode"**, press the button again.
5. After cleaning turn off the red switch on the back of the unit and wait for liquid to cool down before removing basket with items. Rinse items with clean water. Disconnect power cable and discharge soiled liquid from the cleaner. Wipe the tank with dry soft cloth.

WARNING:

- The cleaner can work up to 240 minutes continuously, after that it has to rest for at least 30 minutes!
- Do not throw objects into the tank or hit the appliance as it may cause damage.
- Running the appliance without water will damage the cleaner.
- Do not throw objects into the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

1. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
2. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
3. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
4. Perform cleaning of the appliance only after the power supply is disconnected.
5. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
6. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
7. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
8. Do not leave the appliance plugged in electricity unattended.
9. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
10. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
11. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
12. Do not use inflammable cleaning agents in the tank!
13. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
14. **Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
15. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
16. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
17. Any foreign matter falling into the tank should be taken out immediately.
18. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
19. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 2 years / 24 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

14. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
15. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: PRO-100DF, PRO-300DF



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

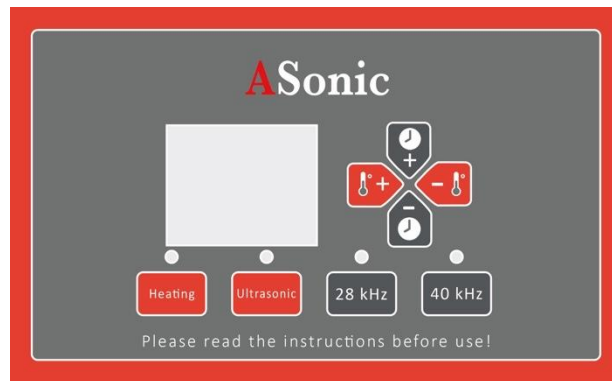
- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:



1. Pour the cleaning solution into the cleaning tank and place basket with items for cleaning into tank. Firmly connect the power plug to appropriate grounded power socket (220V/50Hz) after the tank is filled to ensure safety and turn on the red switch on the back of the unit. Ultrasonic cleaner display will show time and temperature values used for previous cleaning process.
2. Use **"Heating/timer selector (SET)"** to choose between adjustment modes for temperature and time. When you select desired parameter (temperature or time) use buttons **"UP (+)"** and **"DOWN (-)"** to adjust values needed for your cleaning process. Single press of buttons (+) and (-) will change values for 1 unit (1°C or 1 minute). If you press and hold buttons (+) or (-), values will change rapidly by 10 units. Press **"set frequency (FR)"** button to select optimal frequency (40 - 80 - 120 kHz.) for your cleaning process.
3. When all parameters are set, use **"Heating on/off"** button to turn the tank heater on. Heater will turn off automatically when actual temperature reaches set temperature level, and will power on again if actual temperature falls below set level.
4. Once temperature is achieved, activate ultrasonic operation by pressing **"On/Off"** button. Ultrasound will work until timer runs out or you can turn it off by pressing **"On/Off"** button again. Optionally you can activate ultrasonic operation by selecting **"Auto mode (AUTO)"** in which ultrasonic cleaner will periodically cycle through preset frequencies. To deactivate **"Auto mode"**, press the button again.
5. After cleaning turn off the red switch on the back of the unit and wait for liquid to cool down before removing basket with items. Rinse items with clean water. Disconnect power cable and discharge soiled liquid from the cleaner. Wipe the tank with dry soft cloth.

WARNING:

- The cleaner can work up to 240 minutes continuously, after that it has to rest for at least 30 minutes!
- Do not throw objects into the tank or hit the appliance as it may cause damage.
- Running the appliance without water will damage the cleaner.
- Do not throw objects into the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

20. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
21. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
22. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
23. Perform cleaning of the appliance only after the power supply is disconnected.
24. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
25. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
26. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
27. Do not leave the appliance plugged in electricity unattended.
28. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
29. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
30. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
31. Do not use inflammable cleaning agents in the tank!
32. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
33. **Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
34. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
35. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
36. Any foreign matter falling into the tank should be taken out immediately.
37. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
38. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 2 years / 24 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

16. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
17. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: PRO-100SP, PRO-400



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Packing list:

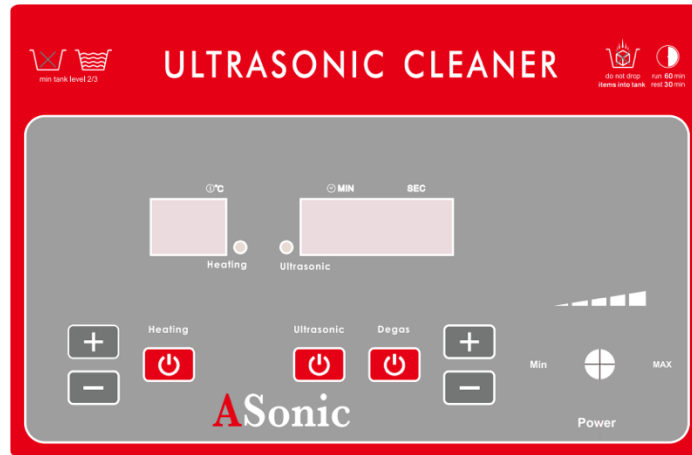
- One ultrasonic cleaning machine
- One cleaning basket
- One power cable
- One user manual

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

INSTALLATION AND PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts which may have become loose or damaged during transport. Place the appliance horizontally in a well-ventilated and dry location. Select appropriate detergent or demineralized water based on properties of work piece to be cleaned.

OPERATION INSTRUCTIONS:



- Pour the cleaning solution into the cleaning tank and place the basket with items for cleaning into the tank. After the tank is filled, firmly connect the power plug to appropriate grounded power socket (220V/50Hz) to ensure safety. Ultrasonic cleaner display will show default time 3 min and temperature 25°C.
- Adjust desired cleaning temperature using "temperature increase (+)" or "decrease (-)" buttons. Tank heater will be activated when pushing "Heating Start" if set temperature is higher than inside temperature. Once the set temperature is reached, heater will turn off.
- IMPORTANT:** Do not set the temperature value higher than actual temperature unless at least 2/3 of the tank is filled with liquid. When using heating turn ON ultrasound!
- Switching the "Degas Start / Stop" - the function works by switching the ultrasound on for a short time and then switching it off, thus repeating the cycle until the degas function is switched off. Degas removes air bubbles from the liquid and the surface of the objects, thus enabling better cleaning of the entire surface of the object, suitable when there are a large number of objects in the bath.
- Adjust desired ultrasonic operation time using "time increase (+)" or "decrease (-)" buttons. Activate ultrasound operation by pressing "Ultrasonic Start/Stop" button. Ultrasound will work until the timer runs out, or you can stop the operation before the timer runs out by pressing "Ultrasonic Start/Stop" button again.
- IMPORTANT:** After cleaning press "Ultrasonic Stop" and "Heating Stop"! Then wait for the liquid to cool down before removing the basket with items. Rinse items with clean water. Disconnect the power cable and discharge soiled liquid from the cleaner. Wipe the tank with a soft dry cloth.

WARNING:

- The cleaner can work up to 60 minutes continuously, after that it has to rest for at least 30 minutes!
- The use of a ultrasonic cleaner without liquid is prohibited as the appliance may get damaged fast.
- Heaters and ultrasonic transducers are on the underside of the tank. To heat the liquid, it is necessary to turn on both heating and ultrasound and cover the tank with a lid.

- Heating the liquid with a heater only is not recommended, as it significantly prolongs the heating time of the liquid.
- Do not throw objects into the tank or hit the appliance as it may cause damage.

SAFETY PERCAUTIONS:

This device is not intended to be used by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received proper training for operating the device.

Store the appliance and package material out of reach of children!

20. Always connect ultrasonic cleaner to AC220V/50Hz electricity outlet.
21. **Warning:** This product works at high voltage, do not use it in humid locations to avoid electric shock.
22. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
23. Perform cleaning of the appliance only after the power supply is disconnected.
24. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
25. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
26. Remove the power plug from the socket before cleaning the appliance or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
27. Do not leave the appliance plugged in electricity unattended.
28. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
29. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
30. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
31. Do not use inflammable cleaning agents in the tank!
32. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
33. **Always fill at least 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.**
34. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
35. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage the appliance.
36. Any foreign matter falling into the tank should be taken out immediately.
37. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
38. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after each operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 2 years / 24 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

18. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
19. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: PRO-600, PRO-1000, PRO-2000, PRO-3000



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts may have become loose or damaged during transport.

Contents:

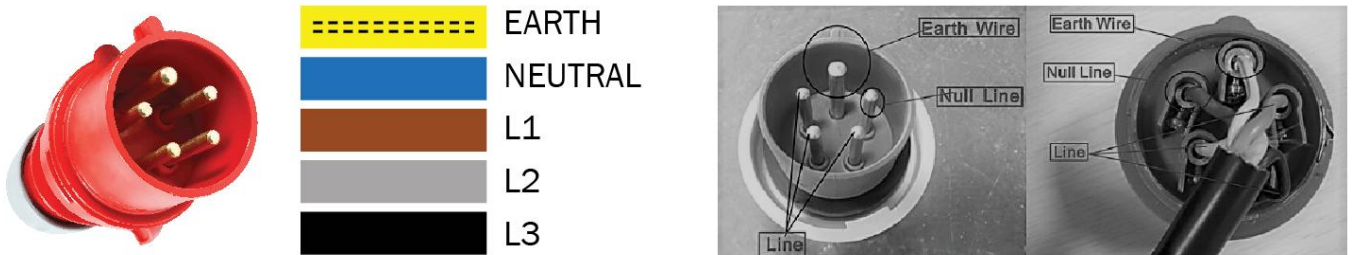
- a: Cleaner unit
- b: Lid
- c: Power lead
- d: Generator (inside cleaner unit)
- e: Basket
- f: Instructions

Place the cleaner on a flat, clean surface where the cooling fans will receive adequate ventilation and ensure all controls are set to off. Make sure that discharge valve is closed.

POWER INSET CONNECTION SCHEME:

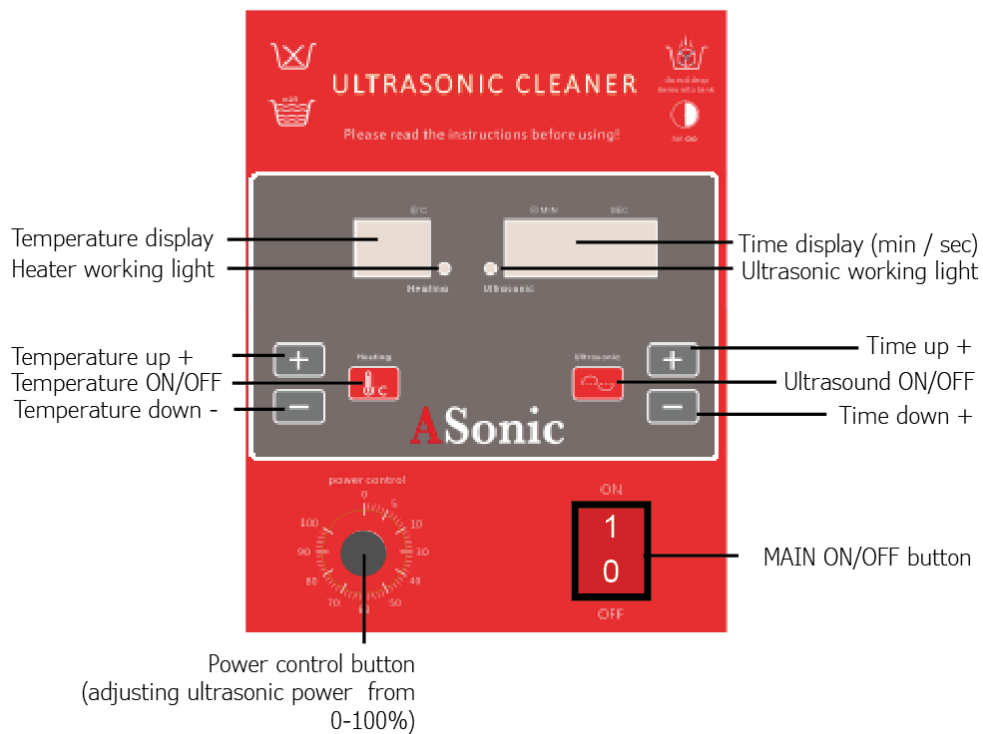
Prepare a socket for below plug and connect the socket's lines according to below drawing.

Note: If lines are not connected right, heater or other spare parts will be damaged.



OPERATION INSTRUCTIONS:

1. Make sure that all switches on ultrasonic cleaner are set to "OFF". Connect the power cord and ultrasonic source cable of the cleaner to the grounded 220V power outlet.
2. **Carefully fill in 2/3 of the tank with cleaning liquid. After placing items in the tank fill the tank till 5 cm below the top.** For heavily soiled items we recommend using suitable solution, as it will help increase the cleaning performance.
3. Turn on main "ON/OFF" button.
4. Adjust time with "TIME +/-" button for time of ultrasonic cleaning duration based on process requirements.
5. Adjust temperature with "TEMPERATURE +/-" button for temperature of liquid in ultrasonic cleaner based on your requirements. Short pressing of "+/-" button, increase/decrease temperature for 1°C, long press increase/decrease temperature for 10°C.
6. Press "ULTRASOUND ON/OFF" button for ultrasound to start working. Indicator light will shine. When set time expires working indicator will turn off.
7. Press "TEMPERATURE ON/OFF" button for heater to start working. Indicator light will shine.



8. When temperature is reached heater working light will go off, heater will start working again when temperature in tank will go 5°C below the set temperature. The LED panel displays the actual temperature when ultrasound is working.
9. For adjusting ultrasound power, rotate "**power control button**" from 0-100%.
10. Place the items into the basket or on hanging rack. Put the basket or rack into the cleaning tank for cleaning. Make sure that items are covered by cleaning liquid.
11. When cleaning is complete, power off on "**main ON/OFF**" switch. Be careful not to get burned when retrieving basket with items from the tank as they may be hot. Drain the liquid from the tank through discharge valve. Clean tank with running water and wipe the tank.

Our industrial models have a water level switch in the tank, which protects the machine in the event of a liquid shortage. Machine will automatically turn off to protect heating elements and transducers. Ensure that liquid level is always above the water level switch.

SAFETY PERCAUTIONS:

This device is not intended to use by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received training in operating the device.

WARNING:

1. Running machine without water will damage the cleaner.
2. Do not throw objects in the tank as it may cause damage.

3. Store the appliance and package material out of reach of children!
4. Always connect the ultrasonic cleaner to a 3 phase 5-pin electrical outlet.
5. Warning: This product works at high voltage, do not use it in humid locations to avoid electric shock.
6. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
7. Perform cleaning of the appliance only after the power supply is disconnected.
8. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
9. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
10. Remove the power plug from the socket before cleaning the machine or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
11. Do not leave the machine plugged in electricity unattended.
12. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
13. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
14. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
15. Do not use inflammable cleaning agents in the tank!
16. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
17. Always fill atleast 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.
18. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
19. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage appliance.
20. Any foreign matter falling into the tank should be taken out immediately.
21. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
22. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 2 years / 24 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

20. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
21. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

USER MANUAL

Model: PRO-2000-PNEUMATIC, PRO-3000-PNEUMATIC, PRO-7800-PNEUMATIC



Thank you for purchasing ultrasonic cleaner. Please take the time to read these operating instructions before use and retain them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

PREPARATION:

Carefully unpack the cleaner and remove all traces of packing materials from it. Visually inspect the cleaner for any parts may have become loose or damaged during transport.

Contents:

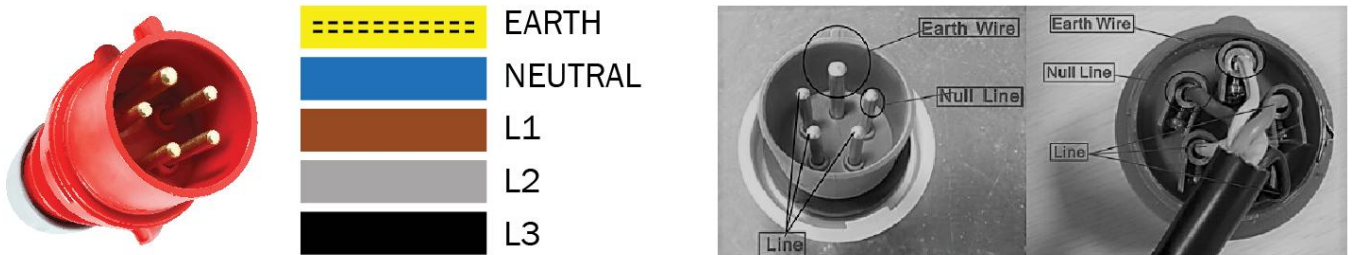
- a: Cleaner unit
- b: Lid
- c: Power lead
- d: Generator (inside cleaner unit)
- e: Basket
- f: Instructions

Place the cleaner on a flat, clean surface where the cooling fans will receive adequate ventilation and ensure all controls are set to off. Make sure that discharge valve is closed.

POWER INSET CONNECTION SCHEME:

Prepare a socket for below plug and connect the socket's lines according to below drawing.

Note: If lines are not connected right, heater or other spare parts will be damaged.



OPERATION INSTRUCTIONS:

1. Make sure that all switches on ultrasonic cleaner are set to "OFF". Connect the power cord and ultrasonic source cable of the cleaner to the grounded 220V power outlet.
2. **Carefully fill in 2/3 of the tank with cleaning liquid. After placing items in the tank fill the tank till 5 cm below the top.** For heavily soiled items we recommend using suitable solution, as it will help increase the cleaning performance.
3. Turn on main "ON/OFF" button.
4. Adjust time with "TIME +/-" button for time of ultrasonic cleaning duration based on process requirements.
5. Adjust temperature with "TEMPERATURE +/-" button for temperature of liquid in ultrasonic cleaner based on your requirements. Short pressing of "+/-" button, increase/decrease temperature for 1°C, long press increase/decrease temperature for 10°C.
6. Press "ULTRASOUND ON/OFF" button for ultrasound to start working. Indicator light will shine. When set time expires working indicator will turn off.
7. Press "TEMPERATURE ON/OFF" button for heater to start working. Indicator light will shine.



8. When temperature is reached heater working light will go off, heater will start working again when temperature in tank will go 5°C below the set temperature. The LED panel displays the actual temperature when ultrasound is working.
9. For adjusting ultrasound power, rotate "**power control button**" from 0-100%.
10. Place the items into the basket or on hanging rack. Put the basket or rack into the cleaning tank for cleaning. Make sure that items are covered by cleaning liquid.
11. When cleaning is complete, power off on "**main ON/OFF**" switch. Be careful not to get burned when retrieving basket with items from the tank as they may be hot. Drain the liquid from the tank through discharge valve. Clean tank with running water and wipe the tank.
12. **FILTRATION FUNCTION** Press the "filtration" button to turn it on, we do not suggest to use the filtration function when the ultrasonic is working, as liquid's moving will reduce the cleaning effect, use it when ultrasonic finished.
13. **SWEEP FUNCTION** Press the "sweep" button to turn it on, press it again to off it, for some objects with heavy dirty, sweep function is helpful, do not use this function more than one hour to protect inside parts.
14. **POWER ADJUSTABLE FUNCTION** Rotate the knob to adjust the power, normally use the power fully to ensure cleaning effect, when clean some objects that don't need much power, can set the power accordingly.

Our industrial models have a water level switch in the tank, which protects the machine in the event of a liquid shortage. Machine will automatically turn off to protect heating elements and transducers. Ensure that liquid level is always above the water level switch.

SAFETY PERCAUTIONS:

This device is not intended to use by individual with restricted physical, sensor or mental capacities or those with lack of experience or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received training in operating the device.

WARNING:

1. Running machine without water will damage the cleaner.
2. Do not throw objects in the tank as it may cause damage.
3. Store the appliance and package material out of reach of children!
4. Always connect the ultrasonic cleaner to a 3 phase 5-pin electrical outlet.
5. Warning: This product works at high voltage, do not use it in humid locations to avoid electric shock.
6. Handle ultrasonic cleaner with care. Do not hit or throw the appliance to prevent damage and impairment of performance and life span of it.
7. Perform cleaning of the appliance only after the power supply is disconnected.
8. Do not open the casing of the appliance to avoid any hazardous situations, as it works at high voltage.
9. Do not use the ultrasonic cleaner if the power plug or power cord are damaged.
10. Remove the power plug from the socket before cleaning the machine or filling the liquid, if the device is not going to be used for a long time or if a malfunction occurs.
11. Do not leave the machine plugged in electricity unattended.
12. Do not repair or make changes to the ultrasonic cleaner on your own. Always call authorized service if there is a problem with the appliance.
13. During normal operation of ultrasonic generator, a consistent sound is resulted from the harmonic oscillation of the tank body impacted by ultrasound waves. In case of discontinuous oscillation, increase or reduce level of the cleaning fluid by a small quantity to achieve consistent sound, which will facilitate better cleaning of the item.
14. Long-term consecutive operation of ultrasonic cleaner may result in high temperature inside the unit and accelerate aging of electronic components in it. Comply with time limit recommendations.
15. Do not use inflammable cleaning agents in the tank!
16. Do not operate ultrasonic cleaner without fluid in the tank, as it may result in fire.
17. Always fill atleast 2/3 of the tank and maximum up to 2 cm below the upper edge of the tank.
18. Do not place the ultrasonic cleaner on a soft or other surface where ventilation will be blocked.
19. Prevent splash of cleaning fluid or water into the ultrasonic cleaner body, as it may cause short circuiting, and thereby damage appliance.
20. Any foreign matter falling into the tank should be taken out immediately.
21. Before changing or discharging the cleaning fluid, make sure the fluid is at normal temperature and the ultrasonic wave generator is shut down and the power supply is disconnected.
22. Clean the tank and casing of the ultrasonic cleaner with soft dry cloth after disconnecting the power cable. Remove any dirt in the tank after operation.

GUARANTEE CERTIFICATE

Thank You for purchasing this product, we hope you will be satisfied with it. If there is a need to repair the product within the guarantee period, we advise you to contact your dealer first. To avoid inconvenience, before calling the service we advise you to re-read the instructions.

Guarantee period: 2 years / 24 months.

STATEMENT OF THE GUARANTOR:

- The product will have prescribed or declared characteristics during the guarantee period. The provider of warranty within the warranty period, at its own expense provides service and removal of defects arising from mismatches between actual and declared specifications of the product. If provider of the guarantee is unable to fulfill this obligation, he will replace the product with a new one or with the model of similar characteristics if the previous one is unavailable.
- Product will function correctly during the warranty period, if it is used in accordance with its intended purpose and technical manual instructions. The provider of the guarantee commits to eliminate any failures and shortcomings that prevent the product from working properly in the designated service center.
- The owner of the device is obliged to make sure that guarantee is properly validated. If there is no validation, guarantee is void.
- Service for these appliances will be available for 5 years after sale.

TERMS OF GUARANTEE:

Buyer can claim his rights by submitting original validated guarantee and original invoice with the date of purchase. The warranty does not apply if altered, crossed out or damaged. Before operating the appliance read the instruction that is supplied with each device.

22. The guarantee is considered valid when the defective device is delivered for service with the original invoice and validated guarantee certificate.
23. Guarantee is void if:
 - The appliance is used in a different manner and for longer periods than recommended in the instructions;
 - Repairs are made (to the device) by unauthorized persons;
 - There is installations of parts which are not original;
 - The device was not properly handled;
 - The product has suffered an electric shock or lightning;
 - The product was damaged during transport;
 - The device was not properly installed;
 - Damage was caused by mechanical hits to the device by the customer or third parties.

WHEN RECEIVING THE GOODS, BUYER MUST MAKE SURE THAT DEVICE IS COMPLETE WITH ALL PARTS AND PHYSICALLY INTACT, LATER RECLAMATIONS ON AFOREMENTIONED ISSUES WILL NOT BE ACCEPTED.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems) This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.