

## 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

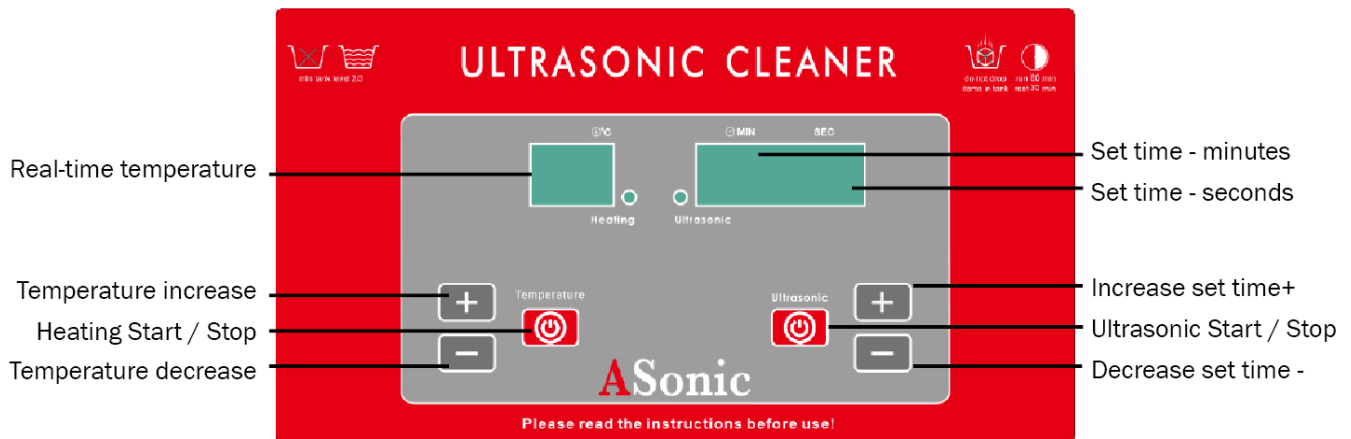
Please verify your product pack for integrity against the aforesaid list. For any damage to the packing or missing of any component, immediately contact your dealer.

# ASONIC

## 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.



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## 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.**