

Limora Zentrallager
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Filialen:
 • Aachen • Berlin • Bielefeld
 • Düsseldorf • Hamburg
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Ultrasonic cleaner Important information

1. Please read these instructions carefully before using the unit.
2. Keep the unit out of reach from children or infirm persons. Do not let them use it without supervision.
3. Do not immerse in water or other liquids or use near wash basins. Do not use it with wet hands.
4. Always ensure that the unit has completely cooled down before storing
5. The unit is only used indoor
6. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.
7. This product is factory fitted with a plug. If the supplied plug does not fit your household sockets, the plug should be removed and use an appropriate one fitted. The removed plug should be destroyed safely. The flexible cord insulation should be stripped back appropriately and connect a suitable alternative plug fitted correctly.
8. An appliance dropped or damaged should not be used until examined by a service engineer.
9. Do not permit the mains lead to come in contact with hot objects. Please ask a service engineer to replace a worn or damaged main lead immediately with an approved lead of the same size and type.
10. Do not attempt to repair or service the unit unless you are qualified to do so and have the relevant calibration, performance test, and service information.
11. **Cleaning**
 Make sure that the unit has been turned off, and then unplug the unit from the socket and allow to cool completely before cleaning. Wipe with a damp cloth and dry immediately with a soft dry cloth. Do not use abrasive cleaners on the unit. Never immerse appliance in water or other liquid.

Theory

Ultrasonic generator produces an electric signal with a certain power and a certain frequency. This signal is sent to a high-efficiency energy converter which can convert electric energy into mechanical energy and produce strong ultrasonic vibration.

The ultrasonic vibration can make the liquid in the container produce large amounts of tiny bubble, which is named cavitation. Bubbles appear and then disappear, it causes strong wallop which reduces the adhesion between the dirt and the object being cleaned and removes the dirt from the object after a while. Finally you can wash this object with clean water for desired cleanliness. The property and temperature of the washing solution affects the cleaning effect.

Function

1. Be able to clean all kinds of electric components and circuit board.
2. Be able to clean all kinds of golden or silver objects, glasses, etc.
3. Be able to clean all kinds of small industrial parts.

Operation introduction

1. Add cleaning solution of not less than one third of the volume of container into the container. **Note:** The surface of the cleaning solution must not exceed the „MAX“ mark on the container.
2. Plug the power cable to the socket.
3. Press the power button. This unit begins to work and its power consumption is 35 watts. 5 minutes later, this unit auto powers off (you can manually turn off this unit ahead of time by pressing the power button again).
4. When you finish cleaning, switch this unit off, remove the the dirty solution from the container, then clean and dry the container.

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Note

1. To avoid damage to this unit, don't switch this unit on before you add cleaning solution into the container.
2. Never use unstable solution, such as tetrachloride carbon which will produce poisonous gas.
3. If you don't use this unit for a long time, pull out the plug.
4. This appliance is not for medical use.

Feature

1. All the surface covered by solution can be cleaned because the ultrasonic effect exists throughout the solution. Its advantage is being able to clean the object with complicated surface and many apertures.
2. No damage to the object to be cleaned. Traditional cleaning methods including manual cleaning method and chemical cleaning method may cause mechanical damage or chemical corrosion to the object. On the contrary, ultrasonic cleaning doesn't do any harm to the cleaned object.

3. Be able to clean all kinds of solid objects. Depending on the character of the object, you can use different cleaning solution. Improved by ultrasonic, the penetration and dissolution effects of the cleaning solution function very well. All the cleaned objects have new images and make you feel fresh.

Specification

1. Power supply: 220-240Vac, 50Hz
2. Power: 35W
3. Frequency: 42KHz± 1KHz
4. Size: 184mm(L) X 128mm(W) X 113mm(H)
5. Weight: about 900g

