



blue photon®

Technology & Workholding Systems

Heated Soak Tank

The soak tank allows for debonding the part from the grippers without twisting. This method is preferred in applications where twist debonding could cause delamination or other damage to the workpiece.

Part #: 81312 - Insulated heated tank with heater

Features

- Stainless steel construction.
- Insulated tank with tap.
- Easy access for cleaning and maintenance.
- High performance insulation to avoid heat loss.
- Easy fill and drain tank.
- Low energy consumption.
- Controlled temperature.
- Electric heat.
- 5" interactive full-color touchscreen.
- Programmable temperature control/sensor.
- Simple push button cycle operation.
- Bluetooth / Wifi connectivity.

Product Specifications

- Immersion platform size: 23 x 20" (584 x 508 mm)
- Immersion depth: 8" (203 mm)
- Cycle time: up to 99 h
- Temperature range: 41°F - 203°F
- Capacity: 14 gal. (56 L)
- Electrical: 120V / 50-60 Hz / 1 – (12 A)
- External dimensions: 26 W x 23.6 D x 20.65 H inches
- Crated dimensions: 680 x 660 x 320 mm
- Weight: 43 lb (19 kg)

Sales and Engineering Support

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Optional

Insulated Tank Lid

Stainless steel lid with handle for preventing water evaporation during heating process.

Part #: 81309



Floating Balls

The floating balls are ideal for avoiding evaporation during the heating process.

Part #: 81310

Features

- Hollow plastic floating balls, 20 mm diameter.
- Made of polypropylene.
- Create a blanket of insulation in any open bath, reducing heat loss and evaporation.
- Reduce fumes and splashing hazards.
- Can be used in temperatures up to 110°C / 230°F.



Equipment Misuse Hazard

General safety: Any use of the equipment and related accessories not consistent with that described in this manual, such as modifying or removing parts, over-pressurizing, using incompatible substances, or using worn, damaged or incompatible parts can cause them to rupture resulting in serious bodily harm, including substances splashed in the eyes or on the skin, or fire, explosion or other property damage. Never alter or modify any part of this equipment, as doing so may cause it to malfunction. Check all system components regularly and replace any worn or damaged parts with supplied or approved parts before returning to service.

Personal Protection Equipment (PPE)

Wear all protective eyewear, gloves, clothing, and respirator as recommended by the manufacturer of the materials used.

Material Compatibility

Be sure that all materials, including their vapors, contained in the system are compatible with all the materials. Read the material manufacturer's literature, including the MSDS (Material Safety Data Sheet) and observe all warnings before circulating materials through the system.

User's Responsibility

It is the responsibility of the user to ensure the heated soak tank is installed in a manner that complies with all local and national jurisdictional requirements.



Important Safety Information

When using the heated soak tank, basic safety precautions should always be followed. *Please read the following instructions carefully as they provide important information concerning how to install, use and care for this product.*

1. To protect against the risk of electric shock, do not immerse the heated soak tank in water.
2. Do not allow the cord to touch hot surfaces.
3. Always allow the heated soak tank to cool before storing.
4. Be sure that the heated soak tank is placed on a hard, level surface in a secure place on a table or counter when using.
5. Do not move the heated soak tank without unplugging it first.
6. Always disconnect the appliance from the outlet before filling with or removing water. Be careful to avoid spilling water when filling.
7. Use tap water or 50/50 tap/distilled water in the appliance. Do not use perfumed or products containing alcohol in the appliance.
8. Always disconnect the appliance when not in use.
9. Do not use the appliance if the cord is damaged. Return the appliance or have the cord repaired by the manufacturer, or their service agent.
10. Do not operate the appliance if it has been dropped or damaged. Do not disassemble the appliance. Incorrect reassembly can cause a risk of electric shock. Send it to an authorized service center for repair.
11. Do not operate another high wattage appliance on the same circuit.
12. This heated soak tank must be grounded. Do not alter the plug or attempt to remove this feature.
13. Be careful. Burns can occur from touching hot metal parts or steam.
14. This heated soak tank is not intended for use by young children.
15. While using the heated soak tank, never turn tap on while the tank is in use.
16. To ensure your safety, all components must be replaced with original parts only.



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