Solder POT

USER MANUEL MAINTENANCE

CE}

Orion Industry – 16 chemin de la Guy F-91160 Ballainvilliers – France
Tel +33 1 69 34 53 11 Fax +33 1 69 34 53 11 info@orion-industry.com
PRECAUTIONS FOR USE

Place the solder pot on a stable flat surface.

Attach the solder pot to the work area (with clips) to prevent accidental spillage of the molten alloy.

During soldering operations, do not touch hot surfaces.

The tin is filled by approaching the molten surface with a solid alloy bar and allowing it to melt gently.

Do not throw anything into the molten bath.

It is advisable to have an extraction of the welding fumes on the top of the bath, or an activated carbon suction system.
(Activated carbons with absorption of at least 85%)

Generally, the alloy contained in the solder bath is used in this range of temperature: 200°C < T < 600°C.
To check this temperature, consult your supplier's safety data sheet and alloy MSDS.
INTRODUCTION AND DESCRIPTION

2) The use of this solder bath is dedicated to the electrical or electronic industry.

Technical data

Soldering pot
- Adjustable temperature from 200 to 600 degrees C
- Titanium pot
- Power supply: 230V

<table>
<thead>
<tr>
<th>CODE</th>
<th>Shape pot</th>
<th>Capacity (Kg)</th>
<th>Dim. intern(mm)</th>
<th>Power (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LMS-50</td>
<td>Round</td>
<td>0.6</td>
<td>50 x 40</td>
<td>250</td>
</tr>
<tr>
<td>LMS-80</td>
<td>Round</td>
<td>1.5</td>
<td>80 x 40</td>
<td>400</td>
</tr>
<tr>
<td>LMS-100</td>
<td>Round</td>
<td>2.0</td>
<td>100 x 40</td>
<td>500</td>
</tr>
<tr>
<td>LMS-5555</td>
<td>Rectangular</td>
<td>1.3</td>
<td>55 x 55 x 45</td>
<td>300</td>
</tr>
<tr>
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<td>2.1</td>
<td>80 x 80 x 45</td>
<td>400</td>
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<td>100 x 70 x 45</td>
<td>500</td>
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<td>250 x 160 x 45</td>
<td>1800</td>
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<td>18.3</td>
<td>280 x 200 x 45</td>
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</table>

DIRECTIONS FOR USE
OPERATION

The bath is thermostatically controlled by a temperature regulator and a temperature sensor.
SWITCH ON AND USE

Adjust the temperature by pressing the + or - (Up /Down) keys.
The display on the right shows the set temperature at +/- 5°C
Confirm by pressing set
Place the solder pot on a stable surface.
Check that the voltage is 230V and that the network supports the power absorbed by the solder pot.
Check that the bath is filled with alloy
For a first use, fill with alloy or shot blocks, about 1 cm.
Plug in the power supply electrical plug

The red LED lights up when the bath is regulating the temperature (Working).
The display on the left shows the actual bath temperature at +/- 5°C
Activate the on/off light switch. I/0

MAINTENANCE

It is recommended to follow these maintenance rules for proper operation of the solder pot and for a long period of use.

1) Use good quality alloys, suitable for high temperature, to avoid corrosion.

2) At least once a week, clean the sides and bottom of the solder pot with a metal spatula, which allows you to remove any dross residue that remains inside the bath.

This ensures better heat transfer between the heating elements and the alloy contained in the bath.

3) It is recommended to empty the pot completely and renew the solder alloy every month.
Recycling

The recycling of the bath must be carried out by competent personnel.

In particular, the responsible operator must take care of the recovery of all bath components.

The different elements must be divided according to the category of their membership:
- METALS = iron, copper, titanium, etc.
- PLASTIC = adjustment knobs, spacers, etc.
- Frame and electronics = ceramic fibre insulators, electronic board.

The operator must send these elements to an approved treatment centre of his choice.

Warranty Conditions

- For 12 months from the date of purchase, the manufacturer warrants all defects in the bath that may have occurred due to problems with the assembly of the unit.
- This warranty does not cover problems arising from improper installation, lack of maintenance or misuse.
- This warranty does not cover problems arising from the use, through the negligence of operators.
- During the warranty period, the manufacturer undertakes to replace the equipment found to be defective.

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