

Sealing Tanks Instructions

HB320 400 x 500mm Sealing Tank – Mega Part: 800-047
HB1000 500 x 1000mm Sealing Tank – Mega Part: 800-059

1. Remove the unit and ancillary items from the packaging.

5 x	Basket Holders
1 x	Drain fitting and Hose
1 x	Digital Timer

2. Place the unit in position and adjust the screw feet if necessary to ensure that the four feet are making contact with the floor.
3. Ensuring that the drain tap at the front bottom of the tank is in the closed position, fill the tank to the required level with water.

NOTE: If you have poor water quality, then use de-ionised or demineralised water. It may also be necessary to add sealing salts to bring PH down to about 6.6 (If in doubt consult your supplier)



4. Plug the unit into a suitable mains supply as follows:-

HB 320 10 amp Single Phase 220 / 240V 50/60 Hz ac supply.

HB1000 16 amp Single Phase 220 / 240V 50/60 Hz supply.

5. Switch on the unit using the front panel mounted Rocker Switch.

When this is done the digital display on the front panel will light up and after a few seconds the actual water temperature will be shown. At the same time a small red LED in the top left-hand corner of the display will light up to show that the heater is on. See figure 1



figure 1

6. The temperature of the sealing tanks have been factory set to switch off at $98^{\circ}\text{C} \pm 1^{\circ}\text{C}$ with the maximum upper temperature being locked at 99°C .

NOTE: If this needed to be unlocked to increase the upper limit, you would have to contact your supplier.

7. To change the temperature setting below the 99°C – Press the 'P' button – This will show a flashing SP in the display as in Figure 2



Figure 2

You can press the  up and down arrows to set the required temperature and the **P** button to go back to the actual temperature mode, and new temperature will be saved.

When you need to empty the tank allow it to cool down to 60°C or less than. Screw the plastic hose connector into the female connector at the bottom front of the tank which is connected to the tap. Push the clear plastic pipe onto the hose connector and put the other end of the pipe into a suitable container and then open the tap and start the drain process. - See figure 3

NOTE: Always remove the hose connector before re-filling the tank.



Figure 3

Specification for HB320 and HB1000 Sealing Tanks.

These sealing tanks consist of a stainless steel inner tank and hinged bright stainless steel lid both of which are supported on a powder coated black steel frame.

The inner tank has 20mm thick high temperature thermal cladding between it and the supporting frame.

The outside cladding is white polypropylene sheet. Which is attached to the outside of the supporting frame.

The front control panel consists of a panel mounted fuse holder with suitable fuse, a double pole double throw illuminated rocker switch and a digital temperature controller which is set to 98°C +/- 1°C

(This can be changed by the customer if necessary)

The tank is also fitted with a low level cut out device to prevent it from being run when the liquid level falls below the top of the heater.

There is also a drain tap fitted to the bottom of the tank to enable it to be easily emptied.

Each tank is supplied with 5 basket holders, a bottom drain connector, hose and a Digital countdown timer.

Main features

	HB 320	HB1000
Overall dimensions	L697mmW264mmH687mm	L1210mmW264mmH820mm
Weight	30kg	45Kg
Tank capacity	45 litres	107 litres
Heat-up time	1½ - 2 hours	2 - 2½ hours
Maximum panel size	500 x 400mm	1000 x 510mm
Heaters	1 x 2 KW	2 x 2 KW
Electrical requirements	220/240V ac 50Hz single phase 13 amp supply	220/240V ac 50Hz single phase 16 amp supply
Fuse	10 amp 25mmx6.3mm	16 amp 32mmx6.3mm



Mega Electronics Limited.,

Mega House, Grip Industrial Estate, Linton, Cambridge, CB21 4XN
Telephone +44 (0) 1223 893900 Fax: +44 (0) 1223 893894
email: sales@megauk.com web: www.megauk.com

Wiring Diagram for HB1000

