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# INSTRUCTION MANUAL FOR

# ImmersoHeat

# IH-SERIES



**PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION**

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# OPERATING INSTRUCTIONS for IMMERSOHEAT

## IH & IHS (up to 100<sup>0</sup>C or 300<sup>0</sup>C)

### WARNING :

To avoid personal injury :

- 1) Do not use in the presence of flammable or combustible chemicals. Fire or explosion may result ; this device contains components which may ignite such materials.
- 2) This unit must use a properly grounded electrical outlet of correct voltage and handling capacity.
- 3) Disconnect from power supply before servicing.

\* The IMMERSOHEAT has a thermostat graduated from 30<sup>0</sup>C to 110<sup>0</sup>C (or 50<sup>0</sup>C to 300<sup>0</sup>C), but it can be used also bellow 30<sup>0</sup> (as well as 50<sup>0</sup>), according to the ambient.

Good temperature control also depends on adequate convection currents in the Bath. To permit convection, avoid over-crowding of the Bath.

To obtain a homogeneous temperature in the Bath, stirring of liquid is recommended.

- \* Use only distilled or soft water to avoid build-up of scale on the heating element. Do not use inflammable liquids.
- \* Minimum depth of immersion required :  
Model IH(S) – 30 mm, IH(S)2 – 150 mm, IH(S)3 – 200 mm

### OPERATION

- \* Secure the instrument to the container, using the fixing bow.
- \* Switch on the instrument and adjust the required temperature by turning the Knob. If there is a deviation between the temperature of the Bath and the Knob – after the temperature in the Bath has settled – adjust the Knob accordingly. When the heating element is in action, the red pilot lamp lights in accordance with the switching of the thermostat.
- \* The instruments do not require any maintenance, except the periodic removal of scale on the heating element. Before servicing, always disconnect the apparatus from the main electricity supply. All servicing must be done by a qualified service engineer.