

## ISI 094...High Temperature Calibration Bath

Generally used for Calibrating thermocouples, thermometers, Indicators, Thermostat, RTD'S; Direct immersion test etc...

INSCIN's- ISI 094... is available in four basic standard models based on the temperature

### Technical Data...

| Specification / Model No | ISI 094A   | ISI 094B        | ISI 094C        | ISI 094P        |
|--------------------------|--|-----------------|-----------------|-----------------|
| Temperature Range        | 5°C AA to 100°C  | 5°C AA to 150°C | 5°C AA to 250°C | 5°C AA to 150°C |
| Model                    | Table Top Model  |                 |                 |                 |
| Filling Volume           | 7 liters   |                 |                 | 6 Liters        |
| Work Space               | 150x150x200(d)mm   |                 |                 | 4, 18mmø probes |
| Inner Tank               | Stainless Steel 304 Grade  |                 |                 |                 |
| Outer                    | Mild Steel Powder coated   |                 |                 |                 |
| Temperature Controller   | Digital Micro processor based PID controller   |                 |                 |                 |
| Display resolution       | 0.1°C / 0.01°C   |                 |                 |                 |
| Display accuracy         | 0.5% Full Scale ±1 digit   |                 |                 |                 |
| Controlling Accuracy     | ±0.1°C ±1 digit / ±0.02°C ±1 digit   |                 |                 |                 |
| Stirrer                  | Fractional Horse Power Motor   |                 |                 |                 |
| Uniformity/Stability     | ±0.1°C ±1 digit / ±0.05°C ±1 digit   |                 |                 |                 |
| Sensor                   | Class A PT 100   |                 |                 |                 |
| Control Heating          | 1000 watts   |                 | 1000 watts      | 1000 watts      |
| Boost Heating            | NA   |                 | 1000 watts      | NA              |
| Insulation               | Glass Wool   |                 |                 |                 |
| Media to be used         | Oil which withstands maximum temperature   |                 |                 |                 |
| Power Consumption        | 1250 watts   | 1250 watts      | 2250 watts      | 1250 watts      |
| Power Supply             | 230VAC, 50Hz, Single Phase   |                 |                 |                 |
| <b>EXWORKS PRICE</b>     |  |                 |                 |                 |
| <b>OPTIONAL</b>          | Work space can be given at different sizes on customer request<br>Display with High Resolution (HR) of 0.01°C is available on request<br>Stability @ ± 0.02°C ±1 digit is available on request |                 |                 |                 |



HIGH TEMP. CAL. BATH – ISI 094...



PORTABLE CAL. BATH – ISI 094P

Note: Available in Floor or Table top model as per the customer request. Specifications subject to change.

## INSCIN's - High Temperature Calibration Bath is with...

- Digital Microprocessor based temperature indicator cum controller - for easy operation.
- Dual display to view the Processing & Set Value simultaneously.
- Display resolution & Temperature controlling accuracy of  $\pm 0.1^\circ\text{C}$  /  $\pm 0.01^\circ\text{C}$ ,  $\pm 1$  Digit, within the tank.
- Class A, Three wire, PT 100 Sensor for accurate measurement of temperature.
- Easy replaceable Stainless Steel immersion heaters with larger cold zone.
- Automatic High Temperature safety cut-off to prevent samples from high temperature during malfunctioning.
- Outer made of mild steel with powder coating
- Inner tank & Top made of Stainless Steel 304 Grade - duly polished.
- Stirrer with fractional horsepower motor for uniformity of temperature within the tank.
- Glass wool Insulation to prevent loss of temperature.
- Tray with required port holes.
- Suitable to operate at 230VAC, 50Hz Single phase supply.

### Optional:

- Calibration Certificate from NABL certified lab
- Display resolution of  $0.01^\circ\text{C}$  full range (HR Models)
- Smaller / Larger tanks

Manufactured & marketed by:

INSCIN

### Instrumentation & Scientific Instruments Private Limited

No.19/10, Kalavani Street, Kil Kattalai, Chennai – 600 117

Web: [www.inscin.com](http://www.inscin.com)

Email: [inscin.india@gmail.com](mailto:inscin.india@gmail.com), [info@inscin.com](mailto:info@inscin.com)

P- +91 44 2247 5622 M- +91 87544 49393