JI-TB-100-40 Temperature Calibration Dry Block Bath



Dry well Temperature calibrator range from -100 to 40 °C is high precision, better resolution, stability, fast in heating and cooling. More well dia and depth to calibrate more number of temperature sensor at a time with better uniformity

Temperature range from -100 to 40 °C with high resolution 0.01 °C up to 40 °C. This model is mainly used in all industries, like Pharmaceutical, food, Research & calibration laboratories etc.,

Technical Data:

- 4.3 inch True TFT DISPLAY with touch screen
- Portable & Rugged
- Range from -100* to 40 °C | Resolution 0.01 °C | Stability ± 0.05°C
- Radial Uniformity better than ± 0.05°C
- Stabilization time & status indication provided
- Inter changeable insert to suit different diameter sensor up to 30 mm

| T | ec | h | nical | Specification |
|---|----|---|-------|---------------|
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| Temperature Range-100 to 40 Deg C @25 Deg AmbientStability+/- 0.05 Deg CResolution0.01 Deg CRadial UniformityBetter than +/-0.5 Deg CDisplay4.3" True Colour TFT display with touch screenTemperature Read OutC/F (Selectable)Cooling time90 MinsStabilization Time10 Mins.Well Dimensions30 X 120 mmTest Sensor Immersion Length115 mmStandard Well HolesInsert No. 1 □ 5.1, 6.2, 6.2 & 8.1, Insert No. 2 □ 6.2, 6.2 & 10.2Measure InputsRTD, Pt-100, Pt-1000, TC-J,k,R,S,T,E,B N, Analog mA, mV, OhmsSwitch TestProvidedPower supply230V AC ± 10% / 50Hz (Optional 110V AC) | Model | JI-TB-100-40 |
|---|------------------------------|--|
| Resolution0.01 Deg CRadial UniformityBetter than +/-0.5 Deg CDisplay4.3" True Colour TFT display with touch screenTemperature Read OutC/F (Selectable)Cooling time90 MinsStabilization Time10 Mins.Well Dimensions30 X 120 mmTest Sensor Immersion Length115 mmStandard Well HolesInsert No. 1 Insert No. 2 Insert No. 2 Insert No. 2 Insert No. 1 Insert No. 2 Insert No. 2 Insert No. 1 Insert No. 2 Insert No. | Temperature Range | -100 to 40 Deg C @25 Deg Ambient |
| Radial UniformityBetter than +/-0.5 Deg CDisplay4.3" True Colour TFT display with touch screenTemperature Read OutC/F (Selectable)Cooling time90 MinsStabilization Time10 Mins.Well Dimensions30 X 120 mmTest Sensor Immersion Length115 mmStandard Well HolesInsert No. 1 Insert No. 2 Insert No. 2 Insert No. 2 Insert No. 1 Insert No. 2 Insert No. 2 Insert No. 1 Insert No. 2 Inser | Stability | +/- 0.05 Deg C |
| Display4.3" True Colour TFT display with touch screenTemperature Read OutC/F (Selectable)Cooling time90 MinsStabilization Time10 Mins.Well Dimensions30 X 120 mmTest Sensor Immersion Length115 mmStandard Well HolesInsert No. 1 Insert No. 2 Insert N | Resolution | 0.01 Deg C |
| Temperature Read OutC/F (Selectable)Cooling time90 MinsStabilization Time10 Mins.Well Dimensions30 X 120 mmTest Sensor Immersion Length115 mmStandard Well HolesInsert No. 1 \Box 5.1, 6.2, 6.2 & 8.1, Insert No. 2 \Box 6.2, 6.2Measure InputsRTD, Pt-100, Pt-1000, TC-J,k,R,S,T,E,B N, Analog mA, mV, OhmsSwitch TestProvided | Radial Uniformity | Better than +/-0.5 Deg C |
| Cooling time90 MinsStabilization Time10 Mins.Well Dimensions30 X 120 mmTest Sensor Immersion Length115 mmStandard Well HolesInsert No. 1 \Box 5.1, 6.2, 6.2 & 8.1, Insert No. 2 \Box 6.2, 6.2 & 10.2Measure InputsRTD, Pt-100, Pt-1000, TC-J,k,R,S,T,E,B N, Analog mA, mV, OhmsSwitch TestProvided | | 4.3" True Colour TFT display with touch screen |
| Stabilization Time10 Mins.Well Dimensions30 X 120 mmTest Sensor Immersion Length115 mmStandard Well HolesInsert No. 1 \Box 5.1, 6.2, 6.2 & 8.1, Insert No. 2 \Box 6.2, 6.2 & 10.2Measure InputsRTD, Pt-100, Pt-1000, TC-J,k,R,S,T,E,B N, Analog mA, mV, OhmsSwitch TestProvided | Temperature Read Out | C/F (Selectable) |
| Well Dimensions30 X 120 mmTest Sensor Immersion Length115 mmStandard Well HolesInsert No. 1 \Box 5.1, 6.2, 6.2 & 8.1, Insert No. 2 \Box 6.2, 6.2 & 10.2Measure InputsRTD, Pt-100, Pt-1000, TC-J,k,R,S,T,E,B N, Analog mA, mV, OhmsSwitch TestProvided | Cooling time | 90 Mins |
| Test Sensor Immersion Length115 mmStandard Well HolesInsert No. 1 □ 5.1, 6.2, 6.2 & 8.1, Insert No. 2 □ 6.2, 6.2 & 10.2Measure InputsRTD, Pt-100, Pt-1000, TC-J,k,R,S,T,E,B N, Analog mA, mV, OhmsSwitch TestProvided | Stabilization Time | 10 Mins. |
| Standard Well HolesInsert No. 1 □ 5.1, 6.2, 6.2 & 8.1, Insert No. 2 □ 6.2, 6.2 & 10.2Measure InputsRTD, Pt-100, Pt-1000, TC-J,k,R,S,T,E,B N, Analog mA, mV, OhmsSwitch TestProvided | Well Dimensions | 30 X 120 mm |
| & 10.2 Measure Inputs RTD, Pt-100, Pt-1000, TC-J,k,R,S,T,E,B N, Analog mA, mV, Ohms Switch Test Provided | Test Sensor Immersion Length | 115 mm |
| mV, Ohms Switch Test Provided | Standard Well Holes | |
| | Measure Inputs | |
| Power supply 230V AC ± 10% / 50Hz (Optional 110V AC) | Switch Test | Provided |
| | Power supply | 230V AC ± 10% / 50Hz (Optional 110V AC) |

Note: Due to continuous product improvements, Published specifications may change with

Standard Delivery

- 1.Basic Instrument
- 2.Spare fuses
- 3.Standard well insert 2nos
- 4.Well tool
- 5.Instruction manual
- 6.Mains card
- 7.Traceable calibration certificate