

All Types of Temperature & Humidity  
Calibrators



Japsin  
Instrumentation™



JI-TB-300 Dry Block  
Bath



JI-TB-650 Dry Block  
Bath



JI-TB-30-125  
Negative Dry Block  
Bath



JI-TB-1200 High  
Range Dry Block  
Bath



JI-TB-250 Oil Bath



JI-TB-250-1 Oil Bath



JI-IR-500 Black Body  
Calibrator



JI-THB-50-95  
Temperature &  
Humidity Bath

Model: JI-TB-300 | JI-TB-650 | JI-TB-30-125



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**Temperature Dry Block Calibrators**



Models	JI-TB-300	JI-TB-650	JI-TB-30-125
<b>Description</b>	<p>“Ji” Temperature Calibration bath is used to obtain precise temperature for calibration of RTD’s, (LIG) Liquid in Glass Thermometer, Thermocouples &amp; PRTs, SPRTs.</p>	<p>Temperature Calibration baths are electric controllers which are in high reliability &amp; accuracy in the measuring Temperature. Temperature Calibration Bath is particularly suitable for calibration of the widest range of Temperature Gauges or Instruments.</p>	<p>Negative Temperature Calibration bath is used to obtain precise temperature for calibration of RTD’s, (LIG) Liquid in Glass Thermometer, Thermocouples &amp; PRTs, SPRTs. Temperature Calibration baths are electric controllers which are in high reliability &amp; accuracy in the measuring Temperature. Temperature Calibration Bath is particularly suitable for calibration of the widest range of Temperature Gauges or Instruments.</p>
<b>Range</b>	<b>Ambient to 300 Deg C</b>	<b>Ambient to 650 Deg C</b>	<b>-30 to 125 Deg C</b>
<b>Medium</b>	Dry	Dry	Dry
<b>Bore ID</b>	30.5 mm	30.5 mm	30.5 mm
<b>Immersion length</b>	150 mm	150 mm	150 mm
<b>Adaptors</b>	<p>1) ID 10 mm, 6.6 mm, 5.1 mm &amp; 3.1 mm ID (4 Holes)</p> <p>2) ID 8.5 mm, 6.6 mm, 6.6 mm &amp; 5.1 mm ID (4 Holes)</p> <p>3) ID 4 mm, 6 mm, 8 mm 10 mm &amp; ¼”</p>	<p>1) ID 10 mm, 6.6 mm, 5.1 mm &amp; 3.1 mm ID (4 Holes)</p> <p>2) ID 8.5 mm, 6.6 mm, 6.6 mm &amp; 5.1 mm ID (4 Holes)</p> <p>3) ID 4 mm, 6 mm, 8 mm 10 mm &amp; ¼”</p>	<p>1) ID 10 mm, 6.6 mm, 5.1 mm &amp; 3.1 mm ID (4 Holes)</p> <p>2) ID 8.5 mm, 6.6 mm, 6.6 mm &amp; 5.1 mm ID (4 Holes)</p> <p>3) ID 4 mm, 6 mm, 8 mm 10 mm &amp; ¼”</p>
<b>Size of the Instrument</b>	150 X 300 X 280 mm	150 X 300 X 280 mm	150 X 300 X 280 mm
<b>Weight</b>	8.5 Kgs	8.5 Kgs	8.5 Kgs
<b>Carrying Case</b>	Optional	Optional	Optional
<b>Accuracy</b>	+/-0.5% FSD	+/-0.5% FSD   +0.2% FSD	+/-0.5% FSD   +0.2% FSD
<b>Stability</b>	0.2 Deg C	0.2 Deg C	0.2 Deg C
<b>Heating Time</b>	20-25 Minutes	20-25 Minutes	10-15 Minutes
<b>Cooling Time</b>	15 to 20 Minutes	15 to 20 Minutes	10-15 Minutes
<b>Instant Cooling</b>	N.A	N.A	Use liquid methanol

Model: JI-TB-1200 | JI-TB-250 | JI-TB-250-1

High Range & Oil Temperature Calibrators



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Models	JI-TB-1200	JI-TB-250	JI-TB-250-1
<b>Description</b>	JI-TB-1200, Lightweight, highly accurate temperature Calibrator for Industrial/ Laboratory field use. It offers easy to use portable temperature calibrator with high temperature range from 250 to 1200°C. It is a highly stable standard furnace for calibrating thermocouples / RTD.	Oil Temperature Calibration Bath Light Weight Model, For Laboratory application	Oil Temperature Calibration Bath Light Weight Model, For Laboratory application Compact Model
<b>Range</b>	<b>300 to 1200 Deg C</b>	<b>Ambient to 250 Deg C</b>	<b>Ambient to 250 Deg C</b>
<b>Medium</b>	Dry	Oil	Oil
<b>Bore ID</b>	30.5 mm	30-40 mm	30.5 mm
<b>Immersion length</b>	150 mm	150 mm	1500-2000 Grams
<b>Adaptors</b>	Customised	N.A	150 mm
<b>Size of the Instrument</b>	Big	150 X 300 X 280	Small
<b>Weight</b>	28 Kg	8.5 Kg	5 Kg
<b>Carrying Case</b>	N.A	Optional	Optional
<b>Accuracy</b>	0.5% FSD	0.5% FSD	0.5% FSD
<b>Stability</b>	0.2 Deg C	0.2 Deg C	0.2 Deg C
<b>Heating Time</b>	30-40 mins	20-30 mins	20-30 mins
<b>Cooling Time</b>	30-40 mins	20-30 mins	20-30 mins
<b>Magnetic Stirrer</b>	N.A	Yes	Yes

Model: JI-LVP-17 | JI-LVP-110 | JI-RAVIKA-DT-55



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**Black Body & Humidity Calibrators**

			
<b>Models</b>	<b>JI-IR-500</b>	<b>JI-THC-50-95</b>	
<b>Description</b>	<p>“Ji” Black body source calibrator is used to calibrate infrared thermometers with precision</p> <p>Special Features:</p> <ol style="list-style-type: none"> <li>1) Compact Light Weight &amp; easy to carry</li> <li>2) Large flat plate diameter to enable calibration from larger &amp; safe distance.</li> <li>3) Excellent thermal stability &amp; thermal uniformity.</li> <li>4) Covers wide operating range to cater higher calibration work load</li> </ol>	<p>JI-THB-50-95 is a very Economical &amp; Fully Automatic Temperature / Humidity Generator.</p> <p>The Equipment is designed for users that require precise control of humidification, dehumidification, cooling and heating.</p> <p>The Model is an integrated Fully Automatic Control System that can independently maintain the Temperature / Humidity levels according to the Set Value</p>	
<b>Range</b>	<b>Ambient to 500 Deg C</b>	<b>Temp. : ( 5 - 60 )°C / Relative Humidity : ( 10 - 95 )% RH @ 25°C</b>	
<b>Medium</b>	Black	N.A	
<b>Bore ID</b>	90 mm	N.A	
<b>Target Area</b>	40 mm	N.A	
<b>Size of the Instrument</b>	300 X W 225 X D 350 mm	( 26 X 15 X 28 )" / ( H X W X D )"	
<b>Weight</b>	8 Kg	30 Kg	
<b>Carrying Case</b>	Optional	Optional	
<b>Accuracy</b>	0.5% FSD	0.5% FSD	
<b>Stability</b>	<ol style="list-style-type: none"> <li>1) +/- 0.1 Deg C At 100 Deg C</li> <li>2) +/- 0.2 Deg C At 200 Deg C</li> <li>3) +/- 0.2 Deg C At 300 Deg C</li> <li>4) +/- 0.3 Deg C At 400 Deg C</li> <li>5) +/- 0.4 Deg C At 500 Deg C</li> </ol>	Better than 0.5°C / Better than 0.8% RH	