



Manufacturer of All Industrial and Calibration Products

**Temperature**

Dry Block Temperature Calibrators, Liquid/Oil Bath Calibrators  
Infrared Calibrator (Black Body ), RTD, Thermocouple(All Types)

**Pressure**

Digital Pressure Gauges(various Accuracy)  
Pneumatic Hand Pump, Hydraulic Hand Pump, Comparator

**Humidity**

Temperature-Humidity Chamber, HygroCAL( High Accuracy Thermo-hygrometer)

And have a huge collection of Test & measures Instruments for Industrial applications



**A house  
of All  
Industrial  
Instrumentation  
Products**



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## About Us

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Tunix Corporation is a leading manufacturing company of Calibration products in India. We provide temperature Calibrators such as Dry block Calibrators, Liquid Calibrators, Reference sensors, Humidity and Pressure calibrators, especially for Calibration laboratories and process and manufacturing industries for In- house Calibration facilities.

Tunix Corporation is established in 2018 Indore (Madhya Pradesh, India). We are a prominent name engaged in Calibration Industry. We are expertise in temperature pressure and humidity calibration systems and provides better quality and better customer support and services.

This establishment act as a one-stop destination servicing to the customers from Instrument supply to accredited calibration services. we provide a high standard of products and applications expertise to the industry. We are committed to delivering quality products and services to help our valued customers achieve lower operating costs and improved the reliability of their process investments.

Services for our Customers·

1. All Calibration and industrial solution under One roof·
2. Provide ISO:17025 Calibration certificate
3. PAN India Service and delivery services·
4. Experienced technical team to understand the requirements·
5. Customizable solution available for special Applications.

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# Low temperature Dry block Calibrator

Model: ED-27X Range(-30 °C to 100 C@25 °C)



## Features

1. Light weighted & Rugged.
2. Fast cooling to deep freezing range.
3. No bulky compressor.
4. Best in-class calibrator for calibration of sensors, thermometers, transmitters.

## Application

1. In Calibration laboratories for calibration of sensors, thermometers, transmitters.
2. For On-site Calibration.
3. Testing laboratory of RTDs.
4. Process industry in-house calibration.

## Technical Specifications

1	Temperature Range	-30 ° C to 100 ° C (at 25 ° C )
	Control Accuracy	±0.05 ° C( below ambient temperature)
2		±0.1 ° C( Above ambient temperature)
	Thermal Stability	±0.01 ° C @100 ° C( Calculated after stablization time of 10 min.)
3		±0.01 ° C @-30 ° C( Calculated after stablization time of 10 min.)
	Thermal Non-uniformity	±0.15 ° C @100 ° C( Calculated after stablization time of 10 min.)
4		±0.10 ° C @100 ° C( Calculated after stablization time of 10 min.)
5	Stablization Time	10 minutes after set point is achieved
6	Time to reach	-30 ° C :15 minutes
7	Power Supply	100-240 VAC @ 50-60 Hz.
8	Current	0.7 A
9	Power Consumption	Single phase, 170 Watt max.
10	Sound	30dB
11	Enclosure	Metal SS
12	Dimensions(LxHxW)	357x312x165
13	Insert well dimentions	08mm, 06mm, 06mm
14	Storage Condition	
a.	Temperature	0 ° C to 40 ° C
b.	Humidity	30 %RH to 85% RH
15	Fuse Rating	3A

## Accessory

- |   |                                    |
|---|------------------------------------|
| 1. Carry Bag                              | 2. Insert Puller                   |
| 3. Insert                                 | 4. Factory Calibration certificate |
| 5. NABL Calibration certificate(optional) | 6. User Manual                     |

# Temperature Dry block Calibrator

Model: ED-500 Range(50 °C to 500 °C)



## Features

1. Light weighted & Rugged.
2. Proficient Calibration upto 500 °C
3. Easy to Carry.
4. Best in-class calibrator for calibration of sensors, thermometers, transmitters, Thermocouples

## Application

1. In Calibration laboratories for calibration of sensors, thermometers, transmitters.
2. For On-site Calibration.
3. Testing laboratory of RTDs & Thermocouples.
4. Process industry in-house calibration.

## Technical Specifications

1	Temperature Range	50 ° C to 500 ° C
2	Control Accuracy	±0.1 ° C
3	Thermal Stability	±0.02 ° C @500 ° C( Calculated after stablization time of 10 min.) ±0.01 ° C @300 ° C( Calculated after stablization time of 10 min.)
4	Thermal Non-uniformity	±0.3 ° C @500° C( Calculated after stablization time of 10 min.)
5	Stablization Time	10 minutes after set point is achieved
6	Time to reach	50° C to 500 ° C 30 minutes
7	Power Supply	100-240 VAC @ 50-60 Hz.
8	Current	5A
9	Power Consumption	Single phase, 1200 Watt max.
10	Sound	30dB
11	Weight	10kg
12	Enclosure	Metal SS
13	Dimensions(LxHxW)	290x315x140mm
14	Insert well dimentions	10mm, 08mm(2), 06mm(2)
15	Storage Condition	
a.	Temperature	0 ° C to 40 ° C
b.	Humidity	30 %RH to 85% RH
16	Fuse Rating	3A
16	Fuse Rating	3A

## Accessory

- |   |                                    |
|---|------------------------------------|
| 1. Carry Bag                              | 2. Insert Puller                   |
| 3. Insert                                 | 4. Factory Calibration certificate |
| 5. NABL Calibration certificate(optional) | 6. User Manual                     |

# Temperature Dry block Calibrator

Model: ED-800 Range(50 °C to 800 °C)



## Features

1. Light weighted & Rugged.
2. Proficient Calibration upto 800 °C
3. Easy to Carry.
4. Best in-class calibrator for calibration of sensors, thermometers, transmitters, Thermocouples

## Application

1. In Calibration laboratories for calibration of sensors, thermometers, transmitters.
2. For On-site Calibration.
3. Testing laboratory of RTDs & Thermocouples.
4. Process industry in-house calibration.

## Technical Specifications

1	Temperature Range	50 ° C to 800 ° C
2	Control Accuracy	±0.1 ° C
3	Thermal Stability	±0.02 ° C @800 ° C( Calculated after stablization time of 10 min.) ±0.01 ° C @300 ° C( Calculated after stablization time of 10 min.)
4	Thermal Non-uniformity	±0.3 ° C @800° C( Calculated after stablization time of 10 min.)
5	Stablization Time	10 minutes after set point is achieved
6	Time to reach	50° C to 800 ° C 30 minutes
7	Power Supply	100-240 VAC @ 50-60 Hz.
8	Current	5A
9	Power Consumption	Single phase, 1200 Watt max.
10	Sound	30dB
11	Weight	10kg
12	Enclosure	Metal SS
13	Dimensions(LxHxW)	290x315x140mm
14	Insert well dimentions	10mm, 08mm(2), 06mm(2)
15	Storage Condition	
a.	Temperature	0 ° C to 40 ° C
b.	Humidity	30 %RH to 85% RH
16	Fuse Rating	3A

## Accessory

- |   |                                    |
|---|------------------------------------|
| 1. Carry Bag                              | 2. Insert Puller                   |
| 3. Insert                                 | 4. Factory Calibration certificate |
| 5. NABL Calibration certificate(optional) | 6. User Manual                     |

## Temperature Dry block Calibrator(Mini)

Model: ED-500 mini Range(50 °C to 500 °C)



### Features

1. Light weighted & Rugged.
2. Proficient Calibration upto 500 °C
3. Easy to Carry, small size calibrator.
4. 10 Insert well (customisable)
5. Best in-class calibrator for calibration of sensors, thermometers, transmitters, Thermocouples

### Application

1. In Calibration laboratories for calibration of sensors, thermometers, transmitters.
2. For On-site Calibration.
3. Testing laboratory of RTDs & Thermocouples.
4. Process industry in-house calibration.

### Technical Specifications

1	Temperature Range	50 ° C to 500 ° C
2	Control Accuracy	±0.1 ° C
3	Thermal Stability	±0.02 ° C @500 ° C( Calculated after stablization time of 10 min.) ±0.01 ° C @300 ° C( Calculated after stablization time of 10 min.)
4	Thermal Non-uniformity	±0.3 ° C @500° C( Calculated after stablization time of 10 min.)
5	Stablization Time	10 minutes after set point is achieved
6	Time to reach	50° C to 500 ° C 30 minutes
7	Power Supply	100-240 VAC @ 50-60 Hz.
8	Current	5A
9	Power Consumption	Single phase, 1200 Watt max.
10	Sound	30dB
11	Weight	6.6 kg
12	Enclosure	Metal SS
13	Dimensions(LxHxW)	9.8'' X 4.7'' X 7.8''
14	Insert well dimintions	10±0.1mm, 7.6±0.1(2), 5.8 ±0.1(2), 3.8±0.1(2), 2.5±0.1(2)
15	Storage Condition	
a.	Temperature	0 ° C to 40 ° C
b.	Humidity	30 %RH to 85% RH
16	Fuse Rating	3A

### Accessory

- |   |                                    |
|---|------------------------------------|
| 1. Carry Bag                              | 2. Factory Calibration certificate |
| 3. NABL Calibration certificate(optional) | 4. User Manual                     |

## Liquid/Oil Temperature Calibrator

Model: EO-250 Range(ambient to 250 °C)



### Features

1. Light weighted & Rugged.
2. Large oil reservoir(4ltr.)
3. Large Opening to handle odd shaped Sensors.
4. Best in-class calibrator for calibration of sensors, thermometers, Thermocouples

### Application

1. In Calibration laboratories for calibration of small, odd shaped sensors, thermometers,
2. For On-site Calibration.
3. Testing laboratory of RTDs & Thermocouples.
4. Process industry in-house calibration.

### Technical Specifications

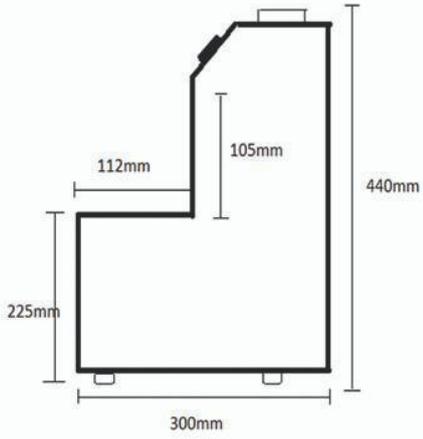
1	Temperature Range	Ambient to 250 ° C
2	Display Resolution	0.1 ° C
3	Control Accuracy	Better than $\pm 0.1$ ° C
4	Thermal Stability	$\pm 0.05$ ° C @100 ° C( Calculated after stablization time of 15 min.) $\pm 0.06$ ° C @250 ° C( Calculated after stablization time of 15 min.)
5	Thermal Non-uniformity	$\pm 0.06$ ° C @250 ° C( Calculated after stablization time of 15 min.)
6	Stablization Time	10 minutes after set point is achieved
7	Time to reach	Ambient to 250 ° C 45 minutes
8	Power Supply	230 VAC @ 50-60 Hz.
9	Current	6A
10	Power Consumption	Single phase, 1000 Watt max.
11	Sound	less than 30dB
12	Weight	14 kg
13	Enclosure	Metal SS powder coated
14	Dimensions(LxHxW)	255x440x300mm
15	Oil Vessel Capacity	4 ltr.
16	Storage Condition	
a.	Temperature	0 ° C to 40 ° C
b.	Humidity	30 %RH to 85% RH
17	Fuse Rating	3A

### Accessory

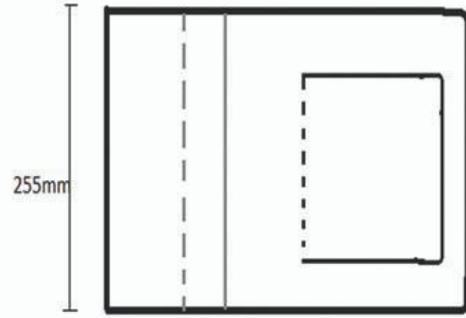
1. Carry Bag
2. Factory Calibration certificate
3. Oil 50 CST(Silicon oil)
4. User Manual
5. NABL Calibration certificate(optional)

Dimensions

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Side View



Top View

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# Liquid/Oil Temperature Calibrator

Model: EO-30X Range(-25 °C to 100 °C)



## Features

1. Light weighted & Rugged.
2. Large oil reservoir.
3. Large Opening to handle odd shaped Sensors.
4. Best in-class calibrator for calibration of sensors, thermometers, Thermocouples

## Application

1. In Calibration laboratories for calibration of small, odd shaped sensors, thermometers,
2. For On-site Calibration.
3. Testing laboratory of RTDs & Thermocouples.
4. Process industry in-house calibration.

## Technical Specifications

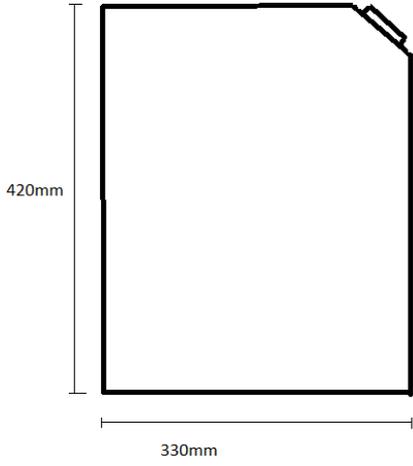
1	Temperature Range	-25 ° C to 100 ° C
2	Display Resolution	0.1 ° C
3	Control Accuracy	Better than $\pm 0.1$ ° C
4	Thermal Stability	$\pm 0.07$ ° C @-20 ° C ( Calculated after stablization time of 15 min.) $\pm 0.08$ ° C @100 ° C ( Calculated after stablization time of 15 min.)
5	Thermal Non-uniformity	$\pm 0.08$ ° C ( Calculated after stablization time of 15 min.)
6	Stablization Time	10 minutes after set point is achieved
7	Time to reach	100 ° C from ambient 30 minutes -25 ° C from ambient 50 minutes
8	Power Supply	230 VAC @ 50-60 Hz.
9	Current	6A
10	Power Consumption	Single phase, 1250 Watt max.
11	Sound	less than 50dB
12	Weight	22 kg without Oil.
13	Enclosure	Metal SS powder coated
14	Dimensions(LxHxW)	255x440x300mm
15	Oil Vessel Capacity	0.8 ltr 5 CST(Silicon Oil) .
16	Storage Condition	
a.	Temperature	0 ° C to 40 ° C
b.	Humidity	30 %RH to 85% RH

## Accessory

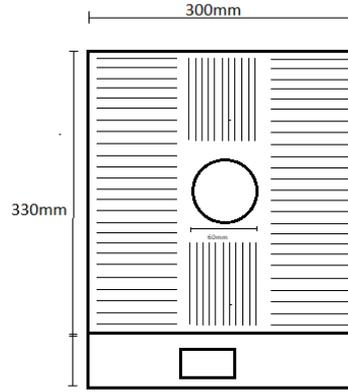
1. Carry Bag
2. Factory Calibration certificate
3. Oil 5 CST(Silicon oil)(Optional)
4. User Manual
5. NABL Calibration certificate(optional)

Dimensions

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Side View



Top View

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# High Accuracy Platinum resistance thermometer

Model TPRT A/TPRT 113/ TPRT 115/ TPRT 110

## Features

1. The most common & important application of High accuracy Platinum Resistance Thermometers (PRTs) is temperature measurements in calibration /metrological, laboratories , R&D applications where accuracy is of utmost importance It has wide applications for drywells & temperature baths.
2. Low Drifts, high temperature measurement range makes the instrument versatile for wide applications , high accuracy PRTs are very Sensitive to mechanical shocks, Tunix made a special design which made it more rugged in absorbing mechanical shocks & vibrations.



## Application

1. In Calibration laboratories as reference standard thermometer.
2. For On-site Calibration.
3. Testing laboratory of RTDs & Thermocouples.
4. Process industry in-house calibration.
5. All meteorological applications.

## Technical Specifications

1	Temperature Range	-38° C to 400° C.
2	Resistance at 0° C	Nominal 100 Ω.
3	Temperature Coefficient	0.00385 Ω / ° C
4	Sheath Material	SS-316
5	Dimension	Standard or can be provided as per customers requirement
6	Extension leads	1.5 mtr. long teflon Insulated silver plated copper cable (4 wire) with flying leads/USB Connector or can be provided as per customers requirement.
7	Handle Dimension	15 mm (OD) X 100 mm (L)
8	Calibration	Standard at 5 points at NABL Accredited Lab (Optional ).
9	Short Term Stability	±0.02 ° C.

## Accessory

1. Carry Bag
2. NABL Calibration certificate(optional)

# High Accuracy Platinum resistance thermometer

Model TPRT A/TPRT 113/ TPRT 115/ TPRT 110

## Accuracy Chart

Parameter	Model TPRT A	Model TPRT 113A	Model TPRT 115 A	Model TPRT 110A
Thermal Drift	± 0.05 °C at 0 °C after 50 Hrs at/above 200 °C , or minimum ± 0.07 °C Per Year whichever is higher	± 0.05 °C at 0 °C after 50 Hrs at/above 200 °C , or minimum ± 0.07 °C Per Year whichever is higher	± 0.05 °C at 0 °C after 50 Hrs at/above 200 °C , or minimum ± 0.07 °C Per Year whichever is higher	± 0.05 °C at 0 °C after 50 Hrs at/above 200 °C , or minimum ± 0.07 °C Per Year whichever is higher
Tolerance as per IEC 60751	-90 °C ---- ± 0.33 °C 0 °C ---- ± 0.15 °C 100 °C ---- ± 0.35 °C 200 °C ---- ± 0.55 °C 300 °C ---- ± 0.75 °C 400 °C ---- ± 0.95 °C	-90 °C ---- ± 0.25 °C 0 °C ---- ± 0.10 °C 100 °C ---- ± 0.27 °C 200 °C ---- ± 0.43 °C 300 °C ---- ± 0.60 °C 400 °C ---- ± 0.77 °C	-90 °C ---- ± 0.14 °C 0 °C ---- ± 0.06 °C 100 °C ---- ± 0.16 °C 200 °C ---- ± 0.43 °C	-90 °C ---- ± 0.07 °C 0 °C ---- ± 0.03 °C 100 °C ---- ± 0.08 °C 200 °C ---- ± 0.43 °C

# High Accuracy Precision thermometer

Model TT-07SP



## Features

1. High accuracy metrological grade for research, calibration, high accuracy applications.
2. Three modes of compensation method for the thermocouple to maximize overall accuracy
3. Fast Response and Laboratory Accuracy, Calibration Available.
4. Applicable for multiple mathematical Statistical measurements
5. Adjustable 6-bit digit display with high resolution to 0.001
6. Low power consumption: 3 AA batteries, normal life 1,500 working hours.
7. The user-friendly front panel is easy to set up and operate.

## Application

1. In Calibration laboratories as reference standard temperature Indicator.
2. Testing laboratory of RTDs & Thermocouples.
3. In process industry for calibration or temperature measurements
4. All meteorological applications.

## Technical Specifications

1	Measurement Range(RTD)	Pt100 : -100 to +350° C, Pt1000: -140 to +320° C, Cu50: -50 to +150° C, Cu100: -50 to +150° C
2	Measurement Range(Thermocouple)	K: -200 to +1,372° C, S: 0 to 1768° C, E: -200 to +1,000° C, T: -200 to +400° C, J: -210 to +1,200° C, R: 0 to 1,768° C, B: 300 to +1,820° C, N: -200 to +1,300° C
3	Measurement Range(other)	Resistance: 0 to 2,220Ω Voltage: -100 to +200mV Current: -2 to +24mA
4	Measurement Accuracy	0.02% FS(PT100 4 -wire)
5	Display in units	Ω, mV, K, Celsius, Fahrenheit
6	Display resolution	0.001° C(RTD), 0.01° C (thermocouple), 0.000(mV/mA)
7	Auto-off function	available
8	Operating temperature	0 to 50° C
9	Operating humidity	85%
10	Size and weight	155 x 70 x 30mm (0.25kg included batteries)
11	Batteries	Three AA batteries, Life: 1,500 hours (Normal Operations)

## Accessory

1. Supplied with K-type thermocouple/ four wires resistor testing cable/ two wires mV/mA cable.
2. NABL Calibration certificate(optional)

# Flate plate IR temperature Calibrator

Model: EDIR-20X Range(-20°C to 100°C)



## Features

1. Compact Light weighted & Rugged.
2. Easy to carry.
3. Large flate plate diameter to enable calibration from large and safe distance.
4. Covers wide operating range to cater higher calibration work load.
5. Additional provision for connecting extra reference RTD.

## Application

1. In Calibration laboratories for calibration of Infrared thermometer in low temperature range.
2. Infrared systems manufacturing industry.
3. In calibration of cold room, cool room infrared sensors.

## Technical Specifications

1	Temperature Range	-20 ° C to 100 ° C
2	Display resolution	0.1 ° C
3	Control Accuracy	better than $\pm 0.1$ ° C
4	Thermal Stability	$\pm 0.1$ ° C @-20 ° C( Calculated after stablization time of 10 min.) $\pm 0.25$ ° C @100 ° C( Calculated after stablization time of 10 min.)
5	Thermal Non-uniformity	$\pm 0.35$ ° C (Applicable for 40mm dia)
6	Stablization Time	10 minutes after set point is achieved
7	Time to reach	-20 ° C from ambient (20 minutes) 100 ° C from ambient (15 minutes)
8	Emissivity	0.95
9	Power Supply	230 VAC @ 50-60 Hz.
10	Current	3A
11	Power Consumption	Single phase, 1200 Watt max.
12	Sound	45dB
13	Weight	10.14kg
14	Enclosure	Metal SS powder coated
15	Dimensions(LxHxW)	300x265x225mm
16	Storage Condition	
a.	Temperature	0 ° C to 40 ° C
b.	Humidity	30 %RH to 85% RH
17	Fuse Rating	3A

## Accessory

1. Carry Bag
2. Factory Calibration certificate
3. Reference RTD Class A.(optional if ordered)
4. User Manual
5. NABL Calibration certificate(optional if ordered)
6. Power Chord.



# Flate plate IR temperature Calibrator

Model: EDIR-500 Range(50°C to 500°C)



## Features

1. Compact Light weighted & Rugged.
2. Excellent thermal stability & non-uniformity.
3. Large flate plate diameter to enable calibration from large and safe distance.
4. Covers wide operating range to cater higher calibration work load.
5. Additional provision for connecting extra reference RTD/ thermocouple.

## Application

1. In Calibration laboratories for calibration of Infrared thermometer in higher operating temperature range.
2. In Infrared systems manufacturing industry.
3. In calibration of industrial Infrared thermometer

## Technical Specifications

1	Temperature Range	50 ° C to 500 ° C
2	Control Accuracy	better than $\pm 0.1$ ° C
3	Thermal Stability	$\pm 0.1$ ° C upto 500° C( Calculated after stablization time of 10 min.)
4	Thermal Non-uniformity	$\pm 0.15$ ° C (Applicable for 40mm dia)
5	Stablization Time	10 minutes after set point is achieved
6	Time to reach	50° C to 400° C (25 minutes) 50° C to 500° C (50 minutes)
7	Emissivity	0.95
8	Power Supply	230 VAC @ 50-60 Hz.
9	Current	5A
10	Power Consumption	Single phase, 1200 Watt max.
11	Sound	20dB max.
12	Weight	4.5kg
13	Enclosure	Metal SS powder coated
14	Dimensions(LxHxW)	250x120x200mm
15	Storage Condition	
a.	Temperature	0 ° C to 40 ° C
b.	Humidity	30 %RH to 85% RH
16	Fuse Rating	3A

## Accessory

- |  |                                   |
|--|-----------------------------------|
| 1. Carry Bag   | 2 Factory Calibration certificate |
| 3. Reference RTD Class A.(optional if ordered)       | 4. User Manual                    |
| 5. NABL Calibration certificate(optional if ordered) | 6. Power Chord.                   |



# Flate plate IR temperature Calibrator

Model: EDIR-50Range(30°C to 50°C) @25°C



## Features

1. Compact Light weighted & Rugged.
2. Excellent thermal stability & non-uniformity.
3. Large flate plate diameter to enable calibration from large and safe distance.
4. Covers wide operating range to cater higher calibration work load.
5. Additional provision for connecting extra reference RTD.

## Application

1. In Calibration laboratories for calibration of medical Infrared thermometer
2. In Infrared systems manufacturing industry.
3. Medical Infrared thermometer Testing

## Technical Specifications

1	Temperature Range	30 ° C to 50 ° C
2	Display Resolution	0.1 ° C
3	Control Accuracy	better than $\pm 0.1$ ° C
4	Thermal Stability	$\pm 0.20$ ° C upto 50 ° C (Calculated after stablization time of 10 min.)
5	Thermal Non-uniformity	$\pm 0.35$ ° C (Applicable for 40mm dia)
6	Stablization Time	10 minutes after set point is achieved
7	Time to reach	30° C from ambient (10 minutes)
8	Emissivity	0.95
9	Power Supply	230 VAC @ 50-60 Hz.
10	Current	3A
11	Power Consumption	Single phase, 300 Watt max.
12	Sound	20dB max.
13	Weight	4.5kg
14	Enclosure	Metal SS powder coated
15	Dimensions(LxHxW)	250x120x200mm
16	Storage Condition	
a.	Temperature	0 ° C to 40 ° C
b.	Humidity	30 %RH to 85% RH
17	Fuse Rating	3A

## Accessory

- |  |                                    |
|--|------------------------------------|
| 1. Carry Bag   | 2. Factory Calibration certificate |
| 3. Reference RTD Class A.(optional if ordered)       | 4. User Manual                     |
| 5. NABL Calibration certificate(optional if ordered) | 6. Power Chord.                    |

# Temperature Humidity Chamber

Model: THTC-01B(10% to 90%RH)



## Features

1. Large display window
2. High precision best in class hygro-thermal stability & non-uniformity.
3. Large volumetric space to cater high calibration work load in minimum time.

## Application

1. In Calibration laboratories for calibration of Thermo-hygrometer, humidity sensors, probes Datalogger, recorders etc.
2. In research laboratory.
3. Pharmaceutical Industry.

Temperature humidity calibration chamber THTC-01B is a peerless front runner product in tunix product range, which facilitates users to perform calibration of various temperature and humidity products like thermo-hygrometers, transmitters, temperature recorders.

It is a dry gas based(nitrogen) source/ chamber which works from 10 % RH to 90 % RH, and temperature from 0 °C to 50 °C

## Technical Specifications

1	Relative humidity Range	10 % RH to 90 % RH
2	Temperature Range	0 ° C to 50 ° C
3	Display Resolution	0.1 ° C/0.1% RH
4	Control Accuracy	better than $\pm 0.1\%$ RH , $\pm 0.1$ ° C
5	Thermal In-Stability	$\pm 0.2$ ° C ( Calculated after stabilization time of 10 min.)
6	Humidity In-Stability	$\pm 0.3\%$ RH ( Calculated after stabilization time of 10 min.)
7	Thermal Non-uniformity	$\pm 0.5$ ° C (after stabilization time of 10 min.)
8	Stablization Time	10 minutes after set point is achieved
9	Time to reach	0° C from ambient (35 minutes) 50° C from ambient (30 minutes) 90 % RH from 50 % RH (10 minutes) 10% RH from 50 %RH (07 minutes)
10	Calibration Chamber Capacity	450x 350x120mm(19ltr.)
11	Inner cabinet	Anodised Aluminium
12	Power Supply	230 VAC @ 50-60 Hz.
13	Current	6A
14	Power Consumption	Single phase, 1500 Watt max.
15	Weight	35kg.
16	Enclosure	Metal SS powder coated
17	Overall Dimensions(LxHxW)	650x800x570mm

# Precision Thermo-hygrometer - "HygroCAL"

Model: TPRH-01B

## Features

1. Hand held enclosure with silicon rubber protector.
2. Long sensor cable length usefull for taking mesurements in ducts, chambers, cleanrooms, Protected enclosures
3. Minimum maximum function with reset feature
4. Protection class IP40, flame resistant ABS UL94V-0 Enclosure.

## Application

1. Premium best in class accuracy Thermo-hygrometer, proficient for high accuracy metrological applications,
2. Humidity measurement in process, food industry.
3. Testing and calibration labs, R & D Applications.

## Technical Specification

1	Relative humidity Range	0 % RH to 100 % RH
2	Temperature Range	-40 ° C to 60 ° C
3	Display Resolution	0.01 ° C/0.01% RH
4	Control Accuracy	±0.8% RH , ±0.3 ° C
5	Repeatability	±0.2 % RH/ ±0.15 ° C.
6	Sensor probe length/dia	175mm/15mm
7	Sensor cable length	1.5 meters
8	Power supply	2 AA dry batteries ,User replacable
9	Battery Back up	2 Hrs continuous use with backlight on.
10	Dimensions LxHxB	100x150x30mm
11	Weight	410g.



## Accessory

1. Carry Box
2. User manual
3. Calibration certificate (optional if ordered).

Write to us for any query