



1200HN High Temperature Source Calibrator

Calibration of multiple sensors (up to 6) at high temperatures

Ideal for steel, glass, metallurgical industries, cement plants, refineries, fertilizer plants, thermal power stations, etc.

- Range: 300°C to 1200°C (572°F to 2192°F)
- Resolution 1°C/°F
- Forced Air Cooling provision
- Semi-Portable Dry Block
- Single and Multi-hole Inserts
- Interchangeable Thermowell Inserts
- Built to last
- Simple to use
- Heating Time: (to max.) 60 minutes
- Cooling Time: 1200°C to 300°C 45 min. w/ force air cooling
- NIST Calibration Certification Included



Accurate

Easy to use

Efficient

Fast

Heavy Duty

Reliable

Semi-Portable

Sturdy



E Instruments International

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1200HN High Temperature Source Calibrator

High Temp Source

The 1200HN is a semi-portable source that offers high temperature calibration in an easy to use design for high temperatures ranges (300°C above amb. to 1200°C) applications.

Interchangeable Inserts

Includes 1/4" & 1/2" Inserts

Single & Multi-hole Inserts

*Options available *

Accuracy:

Better than $\pm 3^\circ\text{C}$



Applications

The 1200HN is designed to verify and calibrate high temperature sensors, thermometers, and process transmitters in high temperature applications!

Range:

300°C up to 1200°C

Stability:

Better than $\pm 0.5^\circ\text{C}$ up to 600°C and $\pm 1^\circ\text{C}$ above 600°C

Display Resolution:

1 °C/°F

1200HN High Temperature Source Specifications

Range:	300°C (572°F) to 1200°C (2192°F)	* Specifications subject to change *
Stability:	Better than $\pm 0.5^\circ\text{C}$ up to 600°C Better than $\pm 1^\circ\text{C}$ above 600°C	Dimensions (WxHxD) 365 x 205 x 480mm (14.8" x 8.1" x 18.9")
Accuracy:	Better than $\pm 3^\circ\text{C}$	Weight: 13Kg (28.7 lbs)
Heating Time:	60 minutes (to maximum)	Measuring Units: °C or °F
Cooling Time:	45 min. 1200°C to 300°C w/ forced air cooling	Power Supply: Switch Selectable: 115V or 230V AC 50/60Hz
Stabilization Time:	20 minutes	
Display Accuracy:	1°C	
Well Depth:	150mm	Power Consumption: 1850 Watt
Well Dia.:	45mm	
Switch Test /Supply:	Provided / 5VDC	Warranty: 1 Year Warranty

Model No. Ordering Information

1200HN 1200HN unit, AC Cable, Switch Test Cable, 1/4" & 1/2" Insert probes, Insertion Tube Tool, Manual, Spare Fuses, NIST Calibration Certificate

- 1 120V 50/60Hz US Plug
- 2 230V 50/60Hz with Schuko Plug
- 3 230V 50/60Hz with UK Plug
- 4 230V 50/60Hz with European Plug

1200HN Accessories

- 1200HN-CC - Carrying Case
- 1200HN-SW - Calibration Software
- 1200HN-18P - Single Hole Insert: 1/8"
- 1200HN-14P - Single Hole Insert: 1/4"
- 1200HN-38P - Single Hole Insert: 3/8"
- 1200HN-12P - Single Hole Insert: 1/2"
- 1200HN-34P - Single Hole Insert: 3/4"
- 1200HN-78P - Single Hole Insert: 7/8"

Note:

- 1) Single Hole mm Inserts available upon request: 3, 4, 6, 7, 8, 10, 12, 19, & 21mm
- 2) Additional Multi-hole Inserts available upon request
Examples: 1x 6mm + 1x 8mm
3x 6mm
1x10mm + 1x 4mm
1x 1/8" + 1x 3/16"
1x 5/16" + 1x 3/8"

Working Standard Reference Accessories

- 2160** - TC S 1400°C Working Reference Standard Probe
- 2168** - TC K 1100°C Working Reference Standard Probe
- 2184** - Pt100 Class A Working Reference Standard Probe