

# Very High Temperature Dry Block Calibrator

**Semi-Portable with Castor Wheels**

**1500 HN**

**Heavy Duty**

*Ideal for Steel, Glass, Ceramic Semi-Conductor Industries etc. for Calibration of noble Metal Thermocouples – Type R / S / B etc.*

## SALIENT FEATURES

Fast, Stable & Accurate  
Autotune PID Controller  
Heating Element : Silicon Carbide  
Dry Block – High Alumina Ceramic Single (Interchangeable)  
Immersion Depth : 250 mm  
Interchangeable Single Hole Thermowells : ID 7, 11 & 15 mm  
Semi-Portable (with Castor Wheels)  
Computer Interface  
“Caltemp” Calibration Software – Optional

## SPECIFICATIONS

Range	500°C to 1500°C
Resolution	1°C
Accuracy	±0.5% of Span*
Stability	±2°C
Stabilisation Time	50 Minutes (approx.)
Temperature Readout	°C / °F Selectable
Ceramic Dry Block Dia	55 mm OD
Probe Immersion Depth	250 mm
Heating Element	Silicon Carbide
Heating Time (to max)	190 Minutes (approx.)
Interchangeable Thermowells	ID : 7 mm; 11 mm; 15 mm
Transmitter Power Supply	24V DC
Power Supply / Consumption	230V AC / 50 Hz / 6 KW
Housing / Mounting	Floor Model on Castor Wheels
Temperature Control	Auto-tune PID Control
Instrument Dimensions (W x D x H)	345 x 510 x 830 mm (with wheel)
Instrument Weight	40 Kgs.



## STANDARD INCLUSIONS

- Basic Instrument
- Ceramic Dry Block with 3 sizes of Single Hole Interchangeable Thermowells
- Test Leads
- Computer Interface
- Traceable Calibration Certificate
- Instruction Manual

## OPTIONAL (ADD-ON) ITEMS

- Digital Temperature Indicator
- Interchangeable / Single Hole Thermowells – other sizes
- Reference Thermocouple
- “Caltemp” Calibration Software
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

*\* In Comparison Mode, much higher Accuracies can be achieved*

*Manufactured by*



Since 1972

**NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED**

**AN ISO 9001:2015 CERTIFIED COMPANY**

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