



T400+ Portable Dry Block Calibrator

A portable and inexpensive Dry Block Calibrator

Calibrate your temperature sensors and systems.

That includes: TCs, Resistance Thermometers, Temperature transmitters, thermostats, etc.

- Simple to use
- Built to last
- Portable Dry Block
- Resolution 0.1°C/°F
- Multihole & Interchangeable Thermowell Inserts
- 10 removable inserts formats available
- Inserts included: 1/8", 3/16", 1/4", 5/16", & 3/8" dia. holes
- Range: 5°C to 430°C (9°F to 806°F)
- Heating Speed: 20°C to 400°C in 12 minutes
- Cooling Speed: 400°C to 100°C in 21 minutes
- NIST Calibration Certification Included



Accurate

Easy to use

Efficient

Fast

Portable

Reliable

Stable

Sturdy



E Instruments International

www.E-Inst.com

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T400+ Portable Dry Block Calibrator

Dry Block

The T400 + is a portable source that offers fast temperature calibration in an easy to use design for medium temperatures (5°C above abm. to 430°C) applications.

10 Optional Removable Inserts

Includes a 5 Multi-hole Insert
1/8", 3/16", 1/4", 5/16", & 3/8"

Well to Well Uniformity:
0.015°C @ 200°C
0.025°C @ 400°C



Applications

The T400+ is designed to verify and calibrate temperature sensors, thermometers, and process transmitters both in the laboratory and in the field!

Range:

5°C above amb. to 430°C

Stability:

±0.03°C @ 200°C
± 0.05°C @ 400°C

Display Resolution:

0.01 °C/°F

T400+ Portable Dry Block Specifications

Range:	from 5°C (9°F) to 430°C (806°F)	* Specifications subject to change *
Absolute Stability (after 15 minutes)	±0.03°C @ 200°C ±0.05°C @ 400°C	Dimensions (WxHxD) 203.2 x 222.25 x 203.2mm 8" x 8.7" x 8"
Well to Well Uniformity:	0.015°C @ 200°C 0.025°C @ 400°C	Weight: 4.0Kg (9.0 lbs)
Heating Speed:	20°C to 400°C in 12 minutes	Measuring Units: °C or °F / ITS90
Cooling Speed:	400°C to 100°C in 21 minutes	Temperature Cutout: ≈ 450°C
Stabilization Time:	After 15 minutes: ±0.03°C @ 200°C; ±0.05°C @ 400°C	
Display Accuracy:	±0.3°C @ 200°C; ±0.5°C @ 400°C	
Immersion Depth:	4.5"	Warranty: 1 Year Warranty
Fan Cooling:	Automatic	Power Consumption: 900 Watts
5 Multi-hole Insert:	1/8", 3/16", 1/4", 5/16", & 3/8" dia. holes	

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

Model No. **Ordering Information**

- 30289** T400+ standard unit with 5 Multi hole insert - 1/8", 3/16", 1/4", 5/16", & 3/8"
- 00** 120V 50/60Hz US
- 50** 230V 50/60Hz European

T400+ Accessories

- 7032718** - Carrying Case
- 7032722** - Insert Extractor
- 7002705** - 120V power cable
- 7002712** - Instruction Manual
- 7032533** - Inserts 5 x 1/4"
- 7032534** - Inserts 3/8", 5/16", 1/4", 3/16", & 1/8"
- 7032535** - Inserts 2 x 3/8", & 2 x 1/4"
- 7032536** - Inserts 2 x 1/2", & 2 x 1/4"
- 7032537** - Inserts 1 x 1/4"
- 7032538** - Blank Insert
- 7032574** - Insert 1 x 9/16" & 1 x 1/4"
- 7032575** - Insert 1 x 5/8" & 1 x 1/4"
- 7032576** - Insert 1 x 11/16" & 1 x 1/4"
- 7032577** - Insert 1 x 3/4" & 1 x 1/4"