

DRY BLOCK TEMPERATURE CALIBRATORS

FROM ACCURATE THERMAL SYSTEMS

APPLICATIONS

Temperature sensor calibration including;

- RTD's/PRT's
- Thermocouples
- LIG thermometers
- Thermal switches
- Dial thermometers
- Hand held digital indicators
- Data loggers & recorders
- .. and many others

BENEFITS

Fast heat up & stabilization

Operates -25°C/-13 °F to 130°C/266°F in a 20°C ambient

Outstanding accuracy

Designed & manufactured in the USA

Only 17 lbs with insert

Rev 10 – 7/19

MODEL THERMCAL 130 TEMPERATURE CALIBRATOR



- Laboratory performance at an economical price
- Lightweight and portable for use in the field
- Removable probe inserts for flexibility & many probe sizes
- High stability and fast
- CE marked for safety

With over 25 years of experience designing, manufacturing and supporting Dry Block Temperature Calibrators we have developed two units that offer outstanding performance, features and value that are unmatched. These units have a small footprint, fast heat up and cool down and are light weight for both field and laboratory use. Unlike many competing lower cost models that only offer a fixed block our units accept inserts for probe size flexibility in addition to a fixed 1/4" reference hole.



THERMCAL 130

FEATURES AND SPECIFICATIONS

WHAT'S INCLUDED

- ThermCal130 calibrator
- fixed 1/4" reference hole
- Carrying strap
- Insert removal tool
- Mains cable
- One insert of customers choice, specify from list below
- Traceable calibration certificate

WHAT DO I NEED TO RUN THE SYSTEM

- 100 to 250 VAC mains supply 50/60hz at 2 amps

SERVICES AVAILABLE

- Technical support
- Application support
- Installation and setup
- Maintenance



The ThermCal130 controller offers a large, bright and easy to read display. The unit is switchable between °F and °C along with the ability to adjust unit calibration using your own reference standard. Up to 8 set points can be saved for quick recall.

In addition to the heat sink cooling fan a small chassis cooling fan keeps the internal components and controller cool at all temperatures for years of reliable operation.

ThermCal130 includes everything you need to operate it straight out of the box. We offer several optional inserts and carrying case listed below.



Specifications and Ordering

ThermCal130	
Temperature range (ambient of 20°C)	-25°C (-13°F) to 130°C (266°F)
Accuracy	±0.4°C/±0.7°F
Stability	Better than ±0.03°C/±0.06°F
Heat up time -20 to 130°C	5 minutes
Heat up time 20 to 100°C	1.75 minutes
Cool down time 20 to -20°C	3 minutes
Cool down time 130 to 20°C	2.5 minutes
Probe well depth & insert diameter	4" depth by 1/2" diameter
Power consumption	200 watts
Overall dimensions	10.2" H x 9" W x 8" L
Weight with insert	15 pounds
Warranty	2 years
Ordering information	Universal 100 to 240 VAC operation Catalog# ATS3080
Optional Accessories	
Customers choice of one insert from below included with unit	
Insert 1 x 1/8" well – ATS3074	Insert 1 x 3/8" well – ATS3078
Insert 1 x 3/16" well – ATS3075	
Insert 1 x 1/4" well – ATS3076	Soft sided carrying case – ATS3052
Insert 1 x 5/16" well – ATS3077	Metric sizes available upon request



BETTER BY DEGREE

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