

MicroCal T350



Innovative Instrumentation Solutions
A unit of E Instruments Group LLC

Dry Block Portable Temperature Calibrator

- ▶ **From Ambient to 660°F**
- ▶ **Designed for Testing and Calibrating Temperature Sensors**
- ▶ **Compact, Rugged, and Easy to Use**
- ▶ **Switch Test Input for Thermostats**
- ▶ **RS232 Serial Interface and CalpMan 2004 Windows™ Software**



All descriptions are related to a fully optioned instrument.

NON-CONTRACT DOCUMENT - SUBJECT TO CHANGE

The **MicroCal T350** is a light and compact temperature calibrator, weighing only 7.7 lbs, with parts in stainless steel and aluminium. Cased in ABS fitted with handles which rotates with a spring mechanism, which makes it possible to operate in various positions. Temperature control carried out by means of a microprocessor controller, with forced ventilation at variable speed for the stabilization and rapid sinking phase. Thermostat well in aluminium with a hole 1" in diameter, 5.5" deep, capable of holding reducer inserts of various configurations so that it can be adapted to the diameters of the sensors. The inserts are fitted with a safety ring which prevents them from coming off accidentally when they are moved. Safety thermostat for maximum temperature. A traveling case made in ABS is available fitted with a holder for the interchangeable inserts and for accessories.

Operative range: from ambient to +662°F
Stability: 0.2 °F
Maximum increase gradient: 40 °F/min (from amb. to 390°F)
Maximum decrease gradient: 20 °F/min (from 390°F to 48°F)
Display resolution: 0.1°F
Reading accuracy: ±(0.8°F + 1 Digit)
RS232: Optional
Thermostat test: 12 Vdc
Well diameter: φ1"
Insert dimensions: φ1" x 5.5"
Insert well diameters: 1x0.18"-1x0.26"-1x0.37"
Well depth: 4.9"
Power Supply: 115/230 V 50 Hz
Power: 300 W
Dimensions: 4,1"x8,7"x9,1"
Weight: 3,5 kg/7,7 lbs

Catalogue **Metal inserts**
EE460037 undrilled
EE460038 φ6.5 - φ12.5 mm
Custom inserts available on requests.

Cat. 8150 - A - B - C

Each instrument includes: electric power cable, fuse Kit, thermostat testing circuit connection cables, instruction manual, internal calibration certificate, tweezers for removing inserts, three holes insert (φ0.18", φ0.26", φ0.37").

Table A	Options
0	None
1	Carring case
2	RS232 serial interface
3	Undrilled insert
4	No. 2 holes insert (0.26" - 0.5")

Table B	Power Supply
1	115Vac with USA plug
2	230Vac with Schko plug
3	230Vac with UK plug
4	230Vac with European plug

Table C	Calibration Certificate
1	E Instruments Report

Bulletin 09-05.1 US