



# MicroCal T350



## Dry Block Portable Temperature Calibrator

PORTABLE CALIBRATORS

From Ambient to 350°C

Designed for Testing and Calibrating Temperature Sensors

Compact, Rugged, and Easy to Use

Switch Test Input for Thermostat

RS232 Serial Interface and CalpMan 2000 Windows™ Software



Bulletin 09-05.1 E ed. 05/2004

**MicroCal T350** is a light and compact temperature calibrator, weighting only 3 kg., with parts in stainless steel and aluminium. Case in ABS fitted with handless 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 stabilisation and rapid sinking phase. Thermostat well in aluminium with a hole 26 mm in diameter, 150 mm 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 travelling-case made in ABS is available fitted with a holder for the interchangeable inserts and for accessories.

**Operative range:** from ambient to +350°C  
**Stability:** 0.1 °C  
**Maximum increase gradient:** 20 °C/min (from amb. To 200°C)  
**Maximum decrease gradient:** 10 °C/min (from 200°C to 25°C)  
**Display resolution:** 0.1°C  
**Reading accuracy:** ±(0.4 °C + 1 Digit)  
**RS232:** Optional  
**Thermostat test:** 12 Vdc  
**Well diameter:** φ 26 mm  
**Insert dimensions:** φ 25.7x140 mm  
**Hole depth:** 125 mm  
**Power Supply:** 115/230 V 50 Hz  
**Power:** 300 W  
**Dimensions:** 105x220x230 mm  
**Weight:** 3,5 kg

**Catalogue** EE460037  
**Metal inserts** 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 (φ4.5, φ6.5, φ9.5mm).*

Table A	Options
0	none
1	Carring case
2	RS232 serial interface
3	undrilled insert
4	n.2 holes insert (6.5 - 12.5 mm)

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	Eurotron report

Specifications may change without notice.