



TC125/TC150 Dry Block CALIBRATOR

- ✓ Accuracy to 0.3 C
- ✓ RS232 Interface
- ✓ Window Based Software
- ✓ 120 mm Standard Well
- ✓ 3 Buttons – Easy to Use



True Calibration – No Simulation. The TIS range of Dry Block Calibrators generate true Reference Temperatures using peltier element. The temperature Controller of the Calibrator uses unique PID proportional band algorithm. This response closely follows the heating Curve of an actual thermal system.

Simple to use – Place the sensor to be calibrated in the calibrator. Set the temperature from the dual line display, both true and set temperature can be read. When stabilization occurs, Simply read the temperature and recalibrate the process system or sensor. The TIS calibrator may be used for calibration of all types of sensor or complete temperature loop.

Automatic Calibration – The RS232 port and optional software make fully automatic calibration possible. The software also assists in keeping accurate records of all calibration works.



Technical Information

	TC125	TC150
Temperature Range:	-40* to + 125 °C	-40* to +150 °C
Calibrated Range:	-20 to + 125 °C	-20 to +150 °C
Resolution:	0.01 °C	0.01 °C
Accuracy:	± 0.3 °C	± 0.3 °C
Stability:	± 0.03 °C	± 0.03 °C
Cooling Time to min:	20 mins	20 mins
Heating Time to max:	12 mins	16 mins
Well Depth:	110 mm	110 mm
Well Diameter:	19 mm	19 mm
Thermostat test:	Yes	Yes
RS232:	Yes	Yes
Power Supply:	115/230 Vac	115/230 Vac
Power:	180 Watt	180 Watt
Operating Temperature:	0 – 40 °C	0 – 40 °C
Dimension:	225x125x275	225x125x275
Weight:	6.8 kg	6.8 kg

•Relative to ambient temperature

Each unit is supplied in a carrying case, include 3.5 and 6.5 mm inserts
 Test cable for thermostat, calibration certificate, manual, insert tool
 and calibration oil

TIS Instruments (S) Pte Ltd
 7 Toh Guan Road East, Alpha Industrial Building
 #08-08, S(608599)
 Tel: 65-6779-9272, Fax: 65-6873-8262

www.tisinstruments.com