

MAXICAL TEMP COMPACT

Handheld Dry Block Calibrators



MT



MT1

The new range of EigrouP hand held field calibrator which despite their light weight and small size are the perfect tool for checking RTD's, thermocouples and small bi-metal thermometer.

Simply plug them in, switch them on, set the desired temperature and just compare the reading of the device under test to the display temperature or to an external reference.

MaxiCal MT, cover a wide temperature range and it is available in three different model with fix holes

Features:

- Wide range from 33 to 300 °C
- Excellent stability to 0.5 °C
- Resolution of 0.1 °C
- Reading accuracy ± 0.5 °C

MaxiCal MT1 same specification of the MaxiCal MT

Features:

- Removable inserts (multi holes)
- Customise hole size available
- Second well to take a reference sensor

MaxiCal LOT, for a work temperature from -10 to 110 °C, uses a special peltier element.

Available with different removable insert type, the unit is supplied with two insert of the customer's choice.

Features:

- Wide range from -10 to 110 °C
- Excellent stability to 0.5 °C
- Two wells for removable insert
- Reading accuracy ± 0.5 °C



LOT

SPECIFICATION

Parameter	MaxiCal LOT	MaxiCal MT	MaxiCal MT1
Temperature range	-10°C to 110°C (@20°C)	33 +330°C	33 +330°C
Stability	± 0.5 °C	± 0.5 °C	± 0.5 °C
Accuracy	± 0.5 °C (33 to 99.9 °C) ± 1 °C(from 100 to 110 °C)	± 0.5 °C (up to 199.9 °C) ± 1 °C(from 200 to 300 °C)	± 0.5 °C (up to 199.9 °C) ± 1 °C(from 200 to 300 °C)
Resolution	0.1°C		
Heating time	amb to 110 °C in 10 min	amb to 330 °C in 10 min	amb to 330 °C in 10 min
Cooling time	100 to 0 °C in 10 min	300 to 0 in 10 min	300 to 0 in 10 min
Well depth	100 mm	100 mm	100
Removable insert	see ordering code	not available	see ordering code
physical dimension	89 x 152 x 186 mm	57 x 125 x 158 mm	57 x 125 x 158 mm
Power supply	110 or 220 Vac, 50/60 Hz	110 or 220 Vac, 50/60 Hz	110 or 220 Vac, 50/60 Hz
Weight	1.8 Kg	900 grams	900 grams
Certificate	included	included	included

Ordering Information

Model
LOT MaxiCal LOT Dry Block Temperature Cal
Inserts (select 2)
 A 3.3 mm ID brass Insert
 B 4.1 mm ID brass insert
 C 4.8 mm ID brass insert
 D 6.4 mm ID brass insert
 E 9.6 mm ID insert
Power supply
 110 = 115 Vac, 50/60 Hz
 220 = 220 Vac, 50/60 Hz
LOT-AC-220 Typical ordering code
 Standard delivery includes: 2 x insert, instruction manual, calibration certificate with data

Options and Accessories
LOT-INS-A 3.3 mm ID brass insert
LOT-INS-B 4.1 mm ID brass insert
LOT-INS-C 4.8 mm ID brass insert
LOT-INS-D 6.4 mm ID brass insert
LOT-INS-E 9.6 mm ID insert

LOT-TC ABS transit case

Model
MT1 MaxiCal MT1 Dry Block Temperature Cal
Inserts (select 1)
 A 3.3 mm ID brass Insert
 B 4.1 mm ID brass insert
 C 4.8 mm ID brass insert
 D 6.4 mm ID brass insert
 E 9.6 mm ID insert
Power supply
 110 = 115 Vac, 50/60 Hz
 220 = 220 Vac, 50/60 Hz
MT1-C-220 Typical ordering code
 Standard delivery includes: 1 insert, instruction manual, calibration certificate with data

Options and Accessories
MT1-INS-A 3.3 mm ID brass insert
MT1-INS-B 4.1 mm ID brass insert
MT1-INS-C 4.8 mm ID brass insert
MT1-INS-D 6.4 mm ID brass insert
MT1-INS-E 9.6 mm ID insert

MT1-TC ABS transit case

Model
MT MaxiCal MT Dry Block Temperature Cal
Inserts (select block type)
 A block 3.3, 4.4, 4.76, 6.35 mm holes
 B block 3.3, 4.76, 6.35, 9.6 mm holes
 C block 4.76 mm and 12.7 mm holes
Power supply
 110 = 115 Vac, 50/60 Hz
 220 = 220 Vac, 50/60 Hz
MT-A-220 Typical ordering code
 Standard delivery includes: instruction manual, calibration certificate with data

Accessories
MT-TC ABS transit case

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