

**Infrared-Temperature
Hand Held Measurement Devices**
Series **MiniTemp**
SemiTemp
MaxiTemp

temperature range laser-sight optical resolution E-factor accuracy spec. functions

MiniTemp 24							
Mod. B1	-18...400 °C	point	8/1	fixed 0.95	+/-2% of rdg or +/-2 °C	EXI (option)	
Mod. C1	-30...500 °C		10/1		+/-1.5% of rdg or +/-1.5 °C	incl. holster	

SemiTemp 2030 B2							
Mod. B2	-32...535 °C	2-point	16/1	fixed 0.95	+/-1% of rdg or +/-3 °C		

SemiTemp 6080							
Mod. A1	-32...600 °C	point	30/1	adjustable 0.30...1.00	+/-1% of rdg or +/-3 °C	12 stores ext. sensor connection	
Mod. B1	-32...760 °C	point	50/1				

MaxiTemp 24							
Mod. A3	-30...900 °C	3-point circle	60/1	adjustable 0.10...1.00	+/-1% of rdg or +/-2 °C	EXI (option)	
Mod. B3+						100 stores ext. sensor RS232 & SW	

MiniTemp 24

Hand held measuring device for none contact temperature measurement
integrated LC-Display, LOW-Bat., HOLD-function

Measuring ranges: -18...400 °C (Model B1)
-30...500 °C (Model C1)

Sight: point-laser

Optical resolution: 8/1 (distance/spot size) (Model B1)
10/1 (distance/spot size) (Model C1)

Spectral range: 8...14 µm (universal)

Resolution: 0.2 °C or 0.5 °F (°C / °F switchable)

Accuracy: +/- 2% of reading or +/- 2 °C (Model B1)
+/- 1.5% of reading or +/- 1.5 °C (Model C1)

Emissivity: 0.95 (pre-set)

Power supply: 9V block battery

Dimensions/weight: 152 x 101 x 38 mm / 227 g incl. battery



Mod. B1



Mod. C1

Model B1 (-18...400 °C, with point-laser, 8 / 1)

Model C1 (-30...500 °C, with point-laser, 10 / 1, incl. holster)

SemiTemp 2030 B2

Hand held measuring device for none contact temperature measurement
integrated LC-Display, LOW-Bat., HOLD-function, max-data-store
backlight, laser ON/OFF, rubberized casing, tripod mount

Measuring range: -32...535 °C

Sight: 2-point-laser

Optical resolution: 16/1 (distance/spot size)

Spectral range: 8...14 µm (universal)

Resolution: 0.2 °C (°C / °F switchable)

Accuracy: +/- 1% of reading or +/- 3°C

Emissivity: 0.95 (pre-set)

Power supply: 9V block battery

Dimensions/weight: 195 x 135 x 40 mm / 320 g incl. battery
complete with arm strap and service/transport case



Model B2 (-32...535 °C, with point-laser, 16 / 1)

SemiTemp 6080

Hand held measuring device for none contact temperature measurement
integrated LC-Display, LOW-Bat., HOLD-function, max-data-store
backlight, laser ON/OFF, rubberized casing, tripod mount
Indication of average and difference, LO- and HI-Alarm (buzzer)
internal data store for 12 measuring values, LOCK-function
connection for external sensor Pt 1000 / 2 wire

Measuring range: -32...600 °C (Model A1)
-32...760 °C (Model B1)

Sight: point-laser

Optical resolution: 30/1 (distance/spot size) (Modell A1)
50/1 (distance/spot size) (Modell B1)

Spectral range: 8...14 µm (universal)

Resolution: 0.1 °C (°C / °F switchable)

Accuracy: +/- 1% v.M. or +/- 3 °C

Emissivity: 0.30...1.00 adjustable

Power supply: 9V block battery

Dimensions/Weight: 195 x 135 x 40 mm / 320 g incl. Battery
complete with arm strap and service/transport case



Model A1 (-32...600 °C, with point-laser, 30 / 1)

Model B1 (-32...760 °C, with point-laser, 50 / 1)

MaxiTemp 24

Hand held measuring device for non contact temperature measurement
integrated LC-Display, LOW-Bat., HOLD-function, max-data-store
backlight, laser ON/OFF, tripod mount

graphic display for 10 measurement results, tripod mount, clock/date
indication of average and difference, LO- and HI-Alarm (buzzer)

internal data store for 100 measuring values (Model B3+)

connection for external sensor type K, J or NTC (Model B3+)

Output: serial interface RS 232 and 1 mV/ °C (Model B3+)

Measuring range: -30...900 °C

Sight: 3-point-circle-laser

Optical resolution: 60 / 1 (distance/spot size)

Spectral range: 8...14 µm (universal)

Resolution: 0.1 °C

Accuracy: +/- 1% of reading or +/- 2 °C

Emissivity: 0.30...1.00 adjustable
internal material list for emissivity (Model B3+)

Temperature units: °C / °F (switchable)

Power supply: 2 x 1.5V batterie and 7.5VDC power supply unit

Dimensions/weight : 200 x 170 x 50 mm / 480 g incl. battery

complete with arm strap and service/transport case

additional at Model B+: data cable, software, mains adapter, sensor



Model A3 (-30...900 °C, with 3-point-circle-laser, 60 / 1)

Model B3+ (-30...900 °C, with 3-point-circle-laser, 60 / 1, PRO)

Accessoires

Protection / Transport case

Protection pocket/holster MiniTemp

Protection pocket/holster SemiTemp

Protection pocket/holster MaxiTemp

Service- and transport case universal (GKK3600)

Sharp optical for MaxiTemp

Improvement of the optical resolution: 6mm (distance 300 mm)

EXI-Version

EEx ia IIC T4 for MiniTemp 24 B1 and MaxiTemp 24 A3

Printer for MaxiTemp 24 B3+

portabel thermo-printer for direct connection

incl. case, accu, external power supply unit, 1 reel of paper, RS 232 data cable

Extra charge: printer paper: 5 roles

Calibration certificate

Works certificate MiniTemp / SemiTemp (first-calibration)

Works certificate MaxiTemp (first-calibration)

Works certificate (re-calibration)

9/19/2005