

Hand-held instruments for temperature

MH 3710 and MH 3750

	MH 3710/3750
Connection	1 x Mini-DIN-socket
Inputs	Pt100
Outputs	Analogue output 0...1 V
Measuring ranges / resolution	-199,99...199,99 °C / 0,01 °C 200,0...850,0 °C / 0,1 °C
Accuracy	±0,015 % full scale ±1 digit
Editable units	°C / °F
Multi-conductor connection	4-wire

MH 3710

- Operator guidance
Sequential menu
- Scalable outputs for easy data readout
- Battery supply, 9 V block battery
- Mains adapter (optional)
- PC Interface
Data link with serial PC-Interface
DC-isolated and short-circuit proof
- Software (optional)

MH 3750

Same as MH 3710 but additional

- User-defined measuring input characteristic
- Alarm and time display / date
Min-max alarm signal via display, interface and buzzer
Real time clock with date and year indication
- Data storage (Log function)
STORE
99 data sets (temp1, time and date)
Manual data set reading via keystroke
CYCLE
16 200 data sets (temp1)
Automatic data set reading in the set interval
Adjustable measurement interval 1 s...60 minutes

Type MH 3750



Temperature hand-held sensors for MH 3710 and MH 3750

Pt100	Fig. on page 128	Name	Temperature range	L	D
Standard sensor	Fig.1	GTF401	-50...400 °C	150 mm	3 mm
Spike sensor	Fig.2	GES401	-50...400 °C	150 mm	3 mm
Surface sensor	Fig.3	GOF401	-50...400 °C	300 mm	3 mm (head = 4 mm)
Air / gas sensor	Fig.6	GLF401	-50...400 °C	100 mm	3 mm (head = 6 mm)