

DTM LIGHT

Cost-effective portable digital thermometer for thermocouples type K

The DTMlight electronic digital thermometer stands out primarily in terms of its accuracy, low power consumption, low weight, simplicity of operation, and a low price. The DTM light unit has been designed for simple measurements over a very large temperature range.

The unit is switched on by actuating the switch on the left side of the housing.

If the input is open (no probe connected) strikes '1' on the Display. Now the thermometer is ready for measurement. If a probe is connected when the DTMlight switched on it will directly shows the registered temperature of the probe.

The switch of is funded also by actuating the on/off switch.

A large number of thermocouple sensors are available for the DTM3000 digital thermometer for practically any application. (28 standard configurations).

The probes have a green flex and a green miniature thermocouple socket. For particular measurement problems we can also manufacture economical customized sensors to meet your requirements.



TECHNICAL DATA

Input:	thermocouple Type K NiCr-Ni	Miniature thermocouple socket
Measurement range:	-100°C..1370°C	
Resolution:	1°C	
Measuring accuracy:	-100..-50°C	+/- 1% FS
	-50..1100°C	+/- 0,5 % FS
	1100..1350°C	+/- 3% FS
Display:	LCD, 3½-stellig	12,7mm figures height
Operating temp range:	0°C..50°C	
Battery operating time:	~2000h	
Dimension:	72,5x123x27,5mm	
Weight:	ca. 145g	

thermocouple type K to	Casing colour	plus blade	minus blade
DIN EN 60584	green	green	white
DIN 43714 (Stand1979)	green	red	green
britisch norm	red	brown	blue
American norm (ANSI)	yellow	yellow	red