

Components and accessories
Digital thermometer
Digital thermometer DTM light



Cost-effective portable digital thermometer for thermocouples type K

The DTM light electronic digital thermometer stands out primarily in terms of its accuracy, low power consumption, low weight and simplicity of operation. The unit has been designed for simple measurements over a very large temperature range. The DTM light is switched on by actuating the switch on the left side of the case. If the input is open (no probe connected) "1" is displayed. Now the thermometer is ready for measurement. If a probe is already connected when the unit is switched on, the registered temperature of the probe is directly shown. For turn off the on/off switch is to be actuated again.

A large number of thermocouple sensors are available for DTM 3000 light for a variety of applications (28 standard configurations). The probes have a green cable and a green miniature thermocouple plug. For particular measurement problems we can also manufacture economical customized sensors to meet your requirements.

* Thermocouple probes must be purchased as optional extras.

Input

Thermocouples type K (NiCr-Ni)
(miniature thermocouple female connector)

Measuring range

-100°C ... +1370°C

Resolution

1°C

Display

LCD 3 1/2-digit, 12.7mm character height

Accuracy

-100°C... -50°C: 1% FS
-50°C...1100°C: 0.5% FS
1100°C...1350°C: 3% FS

Operating temperature range

0°C ...+50°C

Power supply

9 Volt battery, 6F22

Battery operation time

2000h

Case dimension (HxWxD)

123 x 72,5 x 27,5 mm