INTRODUCTION

The Metravi DTM-100 is a compact, lightweight, general-use, industrial thermometer. It is to be used with a compatible temperature sensor, either RTD or J-type Thermocouple or K-type Thermocouple.
The sensor required can be ordered alongwith as per application and need (at extra cost).

SPECIFICATIONS

Sensor Input	Temperature Range (any one)	Accuracy
PT-100 RTD	-100.0° to 199.9°C / -200° to 600°C	±0.2%
J-Type (Fe/con) Thermocouple	-50° to 600°C	±1%
K-Type (Cr/Al) Thermocouple	-50° to 1200°C	±1%

Display	:	3:1/2 Digital LCD with 'LO BAT' (Low Battery) Indication
Cold Junction Compensation	:	Automatic for Thermocouples
Sensor open Indication	:	By "1" at MSD
Operating Temperature	:	0° to 50°C (RH < 80%)
Power Supply	:	9V DC Battery, Dry (battery life 8 hrs continuous)
Dimensions	:	145 x 80 x 30 mm (H x W x D)
Weight	:	200 gms. approx

Important Note: Sensor/Thermocouple is not included and is an optional accessory at extra cost. The type of sensor required needs to be mentioned at the time of ordering, mentioning type, temperature range and dimensions of probe.

ORDERING CODES

(Below mentioned codes can be used while ordering the sensor, depending on the temperature range and sensor type required)

Mention as DTM-100-(I)-(R) as per table below

I	(INPUT)	R	(RANGE)
P1	PT-100 (0.1°C) RTD	0	-100.0 to 199.9°C
P2	PT-100 (1°C) RTD	4	-200.0 to 400°C
J	Fe / Con T/C	6	-50.0 to 600°C
K	Cr / Al / T/C	12	-50.0 to 1200°C

*Technical Specifications & Appearance are subjet to change without prior notice