

Yokogawa Thermometers

TM10 Thermistor Data Collecting Thermometer



- Switch Between External Probe, Infra-Red Sensor and Built-In Sensor
- Measure from -30 to 200 °C

TM20 TC Data Collecting Thermometer



- Two Channel Simultaneous Measurement
- Measure Type K/J/E/T Thermocouples, mV Inputs & Infra-Red Sensors
- Display Channel Readings, Min, Max, Average & Difference

TX10 Series

- Measure J/K/T/E Thermocouples
- 3 ½ Digit Display for Resolution to 0.1 °C
- IP54 Drip Proof Case
- Two Channel Measurement (TX10-03)
- 10 Measurement Storage (TX10-02/03)
- Min & Max Storage (TX10-02/03)
- Temperature Difference Display (TX10-03)



SPECIFICATIONS

	TM10	TM20	TX10
Range	-30 to 200 °C (-22 to 392 °F)	K -200 to 1372 °C (-328 to 2501 °F) J 200 to 1000 °C (-328 to 1832 °F) E -200 to 700 °C (-328 to 1292 °F) T -200 to 400 °C (-328 to 752 °F)	TC same as TM20
Accuracy	±0.3 °C (0-100 °C)	TC ±0.3% rdg ±0.3 °C (>-100 °C) V ±0.1% rdg ±0.2% range	±0.3% rdg ±0.7 °C (-100 to 200 °C)
Resolution	0.1 °C	TC 0.1 °C V 0.001V mV 0.1mV	0.1 °C (below 200 °C)
Operating Temp	-20 to 50 °C	0 to 50 °C	0 to 50 °C

TM10 & TM20 Common Features

- Backlit LCD Display
- IP54 Drip Proof Case
- 1 Second to 24 Hour Measuring Intervals
- Data Capacity up to 20000 Readings
- Hi/Lo Alarms
- RS232 Port for PC Interfacing
- Easy PC Data Management (Automatic Layout in Excel)

Collector mode records the measured temperature along with the measured item, operator name, date/time of measurement in response to a key action. Test comments can also be recorded. Logging mode continuously records the measured temperature at a preset time interval.

ORDERING INFORMATION

YE/TM10	Thermistor Data Collecting Thermometer
YE/TM20	TC Data Collecting Thermometer
YE/TX10-01	Single function, 1 channel Thermometer
YE/TX10-02	Multi-function, 1 channel Thermometer
YE/TX10-03	Multi-function, 2 channel Thermometer

Order probes and carrying case separately

ACCESSORIES

TM10 Accessories

YE/90010	150mm needle probe
YE/90011	120mm sharp needle probe
YE/90012	Surface probe
YE/90013	Rounded probe (for liquids)
YE/93010	Soft case

TM10 & TM20 Accessories

YE/90003	Non-contact probe
YE/91011	RS-232 PC cable

TX10 & TM20 Accessories

YE/90020	Type K rounded probe
YE/90023	Type K needle probe
YE/90030	Type K surface probe
YE/245907	Type K bead
YE/93012	Soft case