Digital Thermometers **TX10 Series**

Simplified Thermometer with easy operation

TX1001: 1-channel Single-function with data hold function
TX1002: 1-channel Multifunction with data hold, internal memory, user-calibration and relative display function
TX1003: 2-channel Multifunction with data hold, internal memory, user-calibration and relative display function

TX10 Series Specifications

- Thermocouple measurement ranges
  Type K: -200 to 1372˚C
  Type J: -200 to 1000˚C
  Type E: -200 to 700˚C
  Type T: -200 to 400˚C
- Resolution
  -200.0 to 199.9˚C: 0.1˚C, 200˚C: 1˚C (TX1001)
  -200.0 to 199.9˚C: 0.1˚C or 1˚C (when resolution is set at 1˚C), 200˚C: 1˚C (TX1002, 03)
- Accuracy
  -200.0 to -100.1˚C: +/-(0.1% of rdg + 1.0˚C);
  -100.0 to 199.9˚C: +/-(0.1% of rdg + 0.7˚C);
  200˚C and when resolution is set at 1˚C:+/-(0.2% of rdg + 1˚C)

General Specifications
- External dimensions: 56 (W) × 151 (H) × 33 (D) mm
- Weight: Approx. 180 g
- Power: Two AA size (LR6) dry batteries

Specifications

Model	Description (Type)	Measurement Range	Sheath Diameter	Sheath Length	Tolerance
90020B	Rounded end	-50 to 600˚C	3.2 mm dia.	200 mm	T < 375˚C: ±1.5˚C 375˚C ≤ T: ± 0.004 × T˚C
90021B	Rounded end	-50 to 600˚C	1.6 mm dia.	150 mm	
90022B	Rounded end	-50 to 600˚C	3.2 mm dia.	500 mm	
90023B	Needle	-50 to 500˚C	1.6 mm dia.	100 mm	
90024B	Needle	-50 to 500˚C	2.1 mm dia.	100 mm	
90030B	Surface straight	-20 to 250˚C	Diameter of thermosensitive part 15 mm dia.		(T-Ts) ≤ 100˚C: ± 2.5˚C, 100˚C < (T-Ts): -0.03 × T to +2.5˚C, T: -20˚C to 250˚C, Ts: 0˚C to 40˚C
90031B	Surface angled	-20 to 250˚C			
90032B	Surface straight	-20 to 500˚C			(T-Ts) < 333˚C: +2.5˚C, 333˚C ≤ (T-Ts): +0.0075 × T˚C, (T-Ts) < 167˚C: -2.5˚C, 167˚C ≤ (T-Ts): -0.015 × T˚C, T: -20˚C to 500˚C, Ts: 0˚C to 40˚C
90033B	Surface angled	-20 to 500˚C			

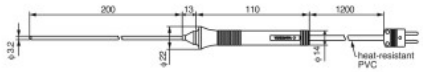
Model	Probe type	Measurement Range	Accuracy	Sensor Dimenter/Length (m/m)
90029B	Bead TC	-40 to 260°C	±2.5°C	1200 (included cord)

Thermocouple type: K

T: measurement temperature, Ts: ambient temperature

Dimensions

90020B
Material:
SUS316



90021B
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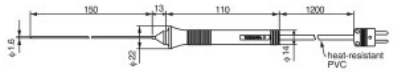
SUS316



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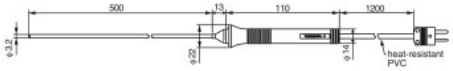

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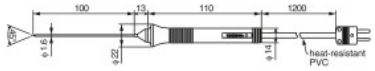

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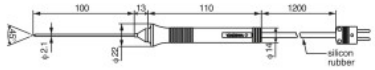

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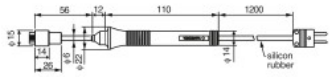

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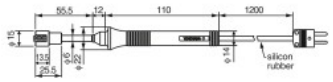

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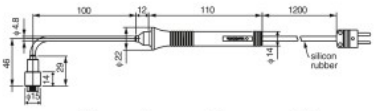

90033B
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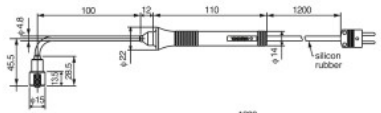

90029B