

The Toughest Meters For Environment Test & Measurements

APPA 50 SERIES DIGITAL THERMOMETER

APPA 51 Thermometer



- K-type thermocouple
- Large LCD display (18.5 mm)
- 1°C or 0.1°C (1°F or 0.1°F) resolution
- 0.3%+1°C basic accuracy
- °C or °F display
- Maximum Record
- Reading hold function
- Standard 9V battery
- Protective holster
- Bead probe included

APPA 52 Thermometer



- K-type thermocouple
- Large LCD display (18.5mm)
- Dual thermocouple input
- Differential temperature (T1 -T2)
- 1°C or 0.1°C (1°F or 0.1°F) resolution
- 0.3% +1°C basic accuracy
- °C or °F display
- Maximum Record
- Reading hold function
- Standard 9V battery
- Protective holster
- Two bead probes included

APPA 53 Thermometer



- K-type thermocouple (J-type optional)
- Microcomputer designed
- Large dual 4 digit LCD display
- 0.1%+0.7°C basic accuracy
- User selectable resolution
- Maximum/Minimum Record
- Reading hold function
- Auto Ranging
- Stop Watch Function
- Protective holster
- Bead probe included

APPA 55 Thermometer



- K-type thermocouple (J-type optional)
- Microcomputer designed
- Large dual 4 digit LCD display
- Dual Thermocouple input
- Differential temperature (T1 -T2)
- 0.1%+0.7°C basic accuracy
- User selectable resolution
- Maximum / Minimum Record
- Reading hold function
- Auto Ranging
- Stop Watch Function
- Protective holster
- Two bead probes included

SPECIFICATIONS: (All at 18°C to 28°C, <80% R.H.)

		APPA 51	APPA 52	APPA 53	APPA 55
Measurement Range:	K-type, -50°C ~ 1300°C, -58°F ~ 1999°F	•	•		
	K-type, -200°C ~ 1370°C, -328°F ~ 2498°F			•	•
	J-type, -200°C ~ 760°C, -328°F ~ 1400°F			•	•
Resolution:	High: 0.1°C or 0.2°F, Low: 1°C or 1°F	•	•	•	•
Basic Accuracy:	±(0.3% + 1°C) at -50°C ~ 1000°C, ±(0.3% + 2°F) at -58°F ~ 1832°F	•	•		
	±(0.5% + 1°C) at 1000°C ~ 1300°C, ±(0.5% + 2°F) at 1832°F ~ 1999°F	•	•		
	±(0.1 % + 0.7°C) at -200°C ~ 1000°C, ±(0.1 % + 1.4°F) at -328°F ~ 10000°F			•	•
	±(0.3% + 1°C) at 1000°C ~ 1370°C, ±(0.3% + 2°F) at 1000°F ~ 2498°F)			•	•
	T1-T2 ±(0.1% of T1-T2 reading + 2°C), (+0.1% of T1-T2 reading + 4°F)		• (0.3%)		•

Temperature Coefficient:	0.15 x (Spec. Accuracy) per °C, <18°C or > 28°C	•	•		
	0.1 x (Spec. Accuracy) per °C, <18°C or > 28°C			•	•
General		APPA 51	APPA 52	APPA 53	APPA 55
Input: K-type thermocouple (J-type optional)		Single	Dual	Single	Dual
		•	•	•	•
Measurement Rate: 2.5 times per second 10 times per second		•	•	•	•
Display: 3½ digit (1999 count) LCD, full annunciators Dual 4 digit (9999 count) LCD, full annunciators		•	•	•	•
Operating Temperature: 0°C ~ 50°C, 32°F ~ 122°F		•	•	•	•
Humidity: 0% ~ 80% (0°C ~ 35°C) (32°F ~ 95°F) 0% ~ 60% (35°C ~ 50°C) (95°F ~ 122°F)		•	•	•	•
Storage Temperature: - 20°C ~ 60°C		•	•	•	•
Input Protection: 60V DC or 24Vrms AC maximum		•	•	•	•
Power Requirements: 9V battery, NADA 1604, IEC 6F22, JIS 006P		•	•	•	•
Battery Life: In Hours (Alkaline)		250	250	90	90
Dimensions: 160mm(L)x64mm(W)x26mm(D), without holster 170mm(L)x74mm(W)x39mm(D), with holster		•	•	•	•
Weight: 300 grams without holster 430 grams with holster		•	•	•	•
Included with instrument: Type 50BK bead thermocouple, ZnC battery (installed), Protective holster, belt clip and manual.		•	•	•	•



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