





# APPA 50 & 50II SERIES MULTIMETER

SPECIFICATIONS:(All at 23°C±5°C, ≤ 80% R.H.)

		APPA51	APPA52	APPA53II	APPA55II
<b>Measurement</b>	K-type, -50°C~1300°C, -58°F~1999°F	•	•	N/A	N/A
<b>Range:</b>	K-type, -200°C~-1372°C, -328°F~2501°F	N/A	N/A	•	•
	J-type, -210°C~1200°C, -346°F~2192°F				
<b>Resolution:</b>	High: 0.1°C or 0.2°F, Low: 1°C or 1°F	•	•	N/A	N/A
	0.1°C / 0.1 K / 0.2°F 1000°, 1°C / 1 K / 2°F 1000°	N/A	N/A	•	•
<b>K-type</b>	±(0.3%+1°C) at -50°C~1000°C, ±(0.3%+2°F) at -58°F~1832°F	•	•	N/A	N/A
<b>Accuracy:</b>	±(0.5%+1°C) at 1000~1300°C, ±(0.5%+2°F) at 1832°F~1999°F				
	±(0.3%+1°C) at -200°C~-100°C, ±(0.3%+2°F) at -328°F~-148°F				
	±(0.1%+0.7°C) at -99.9°C~999.9°C, ±(0.1%+1.4°F) at -147.8°F~999.9°F	N/A	N/A	•	•
	±(0.3%+1°C) at 1000°C~1372°C, ±(0.3%+2°F) at 1000°F~2501°F				
<b>J-type</b>	±(0.3%+1.1°C) at -210°C~-100°C, ±(0.3%+2.2°F) at -346°F~-148°F				
<b>Accuracy:</b>	±(0.1%+0.8°C) at -99.9°C~999.9°C, ±(0.1%+1.6°F) at -147.8°F~999.9°F	N/A	N/A	•	•
	±(0.3%+1°C) at 1000°C~1200°C, ±(0.3%+2°F) at 1000°F~2192°F				
<b>Accuracy:</b>	T1-T2	N/A	•(K-type only)	N/A	•(Both K and J type)
	±(0.3% of T1-T2 reading + 2.0°C), ±(0.3% of T1-T2 reading + 4.0°F)				
<b>Temperature</b>	0.15(Spec. Acc)/°C, <18°C or>28°C	•	•		
<b>Coefficient:</b>	0.1(Spec. Acc)/°C, <18°C or>28°C	N/A	N/A	•	•
<b>Data logging</b>	16,000 records				
<b>Capacity:</b>		N/A	N/A	•	•
<b>Computer Interface Software:</b>	Optical RS-232 interface cable with Win DTM 50 software	N/A	N/A	•Optional	•Optional

## GENERAL:

<b>Input:</b> K-type thermocouple	•	•	•(J-type optional)	•(J-type optional)
<b>Sampling Rate:</b> 2.5times/sec	•	•	2times/sec	1times/sec
<b>Display:</b> 3 1/2 digit (1999 count) LCD, full annunciators	•	•	N/A	N/A
Triple 4 digit (9999 count) LCD, full annunciators	N/A	N/A	•	•
<b>Overload Indication:</b>	"1" or "-1"	"1" or "-1"	"----"	"----"
<b>Low Battery Indication:</b>				
<b>Selectable Auto Power Off:</b> You can select an APO of OFF, 10, 20, 30, 40, 50 and 60 minutes.	N/A	N/A	•	•
<b>Operating Temperature:</b> 0°C~50°C, 80% RH	•	•	•	•
<b>Storage Temperature:</b> - 20°C ~ 60°C	•	•	•	•
<b>Input Protection:</b> 60V dc or 24Vrms ac maximum	•	•	•	•
<b>Power Requirement:</b> Single 9V battery (NEDA 1604 or IEC 6F22)	•	•	•	•
<b>Battery Life:</b> In hours (Alkaline battery)	250	250	90	90
<b>Size:</b> 64mm(W) x 160mm (L) x 26 mm(H), without holster	•	•	•	•
74mm(W) x 170mm (L) x 39 mm (H), with holster	•	•	•	•
<b>Weight:</b> In grams (with holster)	430	430	430	430
<b>Included with instrument:</b> Type 50BK bead thermocouple, ZnC battery (installed) Protective holster, belt clip and manual	•	•( 50BK X 2PCS )	•	•( 50BK X 2PCS )