



TRMS Digital Multimeters APPA 305

Key Functions

- 40000/4000 count display
- 80 Segment Analog Bargraph
- Menu function
- Zoom Analog Bargraph
- Center Zero Analog Bargraph
- Self-Calibration
- **True RMS reading on AC**
- Auto Hold
- Relative Mode
- Min/Max/Avg Function
- Peak Hold
- **Store, Recall Function**
- **Optional USB cable and WinDMM Software**

General Information

- Auto Power Off
- Auto Fuse Detector
- Beep Guard
- Data logging capability
- dB/dBm Measurement
- Continuity Beeper
- Low Voltage Ohms
- Water/Dust Resistant
- CAT.III 600V/CAT. II 1000V safety standard

Technical Data		
Display 4 3/4 Digital, LCD, 39999 Digits, 80 segments analog bar graph		
Voltage AC	Range	400.0mV~750V(40Hz~100kHz)
	Basic Accuracy	±(0.7%+5d)
Voltage DC	Range	40.00mV~1000V
	Basic Accuracy	±(0.06%+2d)
Current AC	Range	40.00mA~10A
	Basic Accuracy	±(0.8%+8d)
Current DC	Range	40.00mA~10A
	Basic Accuracy	±(0.3%+2d)
Resistance LV Resistance	Range	400.0Ω~40.00MΩ
	Basic Accuracy:	±(0.3%+30d) ±(0.6%+2d)(LV Resistance)
Continuity Beeper	Threshold	<150Ω, 2KHz tone buzzer
Diode Test	Open circuit Voltage	3.3V
Capacitance	Range	400.0nF~10mF
	Basic Accuracy:	±(0.9%+2d)
Frequency Counter	Range	400.0Hz~4MHz
	Basic Accuracy:	±(0.01%+1d)
Temperature	Range	-200 ~1300 , -4 ~ -1472
	Basic Accuracy:	±(1 +2d) at -50 ~1200
Sampling Rate	2~4times/sec	
Operating Temperature	-20 ~ 50 , <80% RH	
Storage Temperature	-20 ~ 60	
Shock & Vibration	per MIL-T-28800E TYPE II Class 5	
Safety	IEC61010 and designed to meet UL61010 specifications	
Power Requirement	IEC 6LF22, 6AM6 or NEDA 1604A 9V x1	
Size	100mm (W) x 212mm (L) x 55mm (H) with holster	
Weight	650 g	
Included with Instrument	Safety test leads, test clips, 9V battery, manual, a protective holster with stand, a temperature sensor a USB cable and APPA WinDMM 300 software	
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