

FEATURES :	APPA 201N	APPA 208	APPA 208B
Digital display	2000 count	4000/40000 count	4000/40000 count
Analog Bar graph Segments	N/A	43	43
Autoranging and Manual selection	•	•	•
AC+DC True RMS	AC only	•	•
Auto Calibration	N/A	•	•
Backlit	•	•	•
Automatic AC/DC voltage detector with low impedance(Auto-VoZ)	N/A	•	•
High Frequency Rejection (HFR)	N/A	•	•
Peak Hold	N/A	•	•
Auto Hold	•	•	•
MIN/MAX	•	•	•
Relative Mode	N/A	•	•
Duty Cycle	N/A	•	•
Memory Store/Recall	N/A	1000	1000
dBm/dB reading	N/A	•	•
Data Logging Capacity	N/A	40,000	40,000
Optical interface	N/A	•	•
Bluetooth	N/A	N/A	•
Auto fuse detection	N/A	•	•
Beep Guard	N/A	•	•
Low Battery Indication	•	•	•

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

DCV :	Ranges	200mV to 600V	40mV to 1000V	40mV to 1000V	
	Resolution	100uV	1uV	1uV	
	Basic Accuracy	±(0.5%+2d)	±(0.03%+10d)	±(0.03%+10d)	
ACV :	Ranges	200mV to 600V	40mV to 1000V	40mV to 1000V	
	Resolution	100uV	1uV	1uV	
	Basic Accuracy	±(1.5%+5d)	±(0.5%+20d)	±(0.5%+20d)	
[(AC+DC)V] :	Ranges & Resolution : Same as ACV, except Accuracy	N/A	•	•	
	Auto V-LoZ	•	•	•	
	DCA :	Ranges	200uA to 10A	40mA to 10A	40mA to 10A
ACA :	Resolution	0.1uA	1uA	1uA	
	Basic Accuracy	±(1.0%+2d)	±(0.2%+10d)	±(0.2%+10d)	
	Ranges	200uA to 10A	40mA to 10A	40mA to 10A	
[(AC+DC)A] :	Ranges & Resolution : Same as ACA, except Accuracy	N/A	•	•	
	OHM :	Ranges	200Ω to 20MΩ	400Ω to 40MΩ	400Ω to 40MΩ
	Resolution	0.1Ω	0.01Ω	0.01Ω	
Continuity :	Basic Accuracy	±(0.7%+3d)	±(0.2%+10d)	±(0.2%+10d)	
	Diode Test :	2kHz Tone Buzzer	<50Ω	100~500(Adj)	
	Open Circuit Voltage	±3V	±2.5V	±2.5V	
Frequency Counter :	Ranges	2000Hz to 20MHz	40Hz to 4MHz	40Hz to 4MHz	
	Resolution	1Hz	0.001Hz	0.001Hz	
	Basic Accuracy	±(0.01%+2d)	±5d	±5d	
Duty Factor :	Ranges	N/A	5% to 95%	5% to 95%	
	Resolution	N/A	0.1%	0.1%	
	Basic Accuracy	N/A	±3d	±3d	
Capacitance :	Ranges	2nF to 2mF	40nF to 40mF	40nF to 40mF	
	Resolution	1pF	10pF	10pF	
	Basic Accuracy	±(1.9%+8d)	±(0.9%+2d)	±(0.9%+2d)	
°C / °F :	Ranges	N/A	-200°C to 1200°C	-200°C to 1200°C	
	Resolution	N/A	0.1°C	0.1°C	
	Basic Accuracy	N/A	±(1%+30d) for °C	±(1%+30d) for °C	

GENERAL :	APPA 201N	APPA 208	APPA 208B
Analog bargraph display :	N/A	•	•
Measuring Rate :	1.5 times/sec	10 times/sec	10 times/sec
Over range Indication :	OL	OL	OL
Auto Power Off :	10 minutes	1~30 minutes(Adj)	1~30 minutes(Adj)
Operating Temperature : 0°C~50°C, ≤80%RH	•	•	•
Storage Temperature : -20°C~60°C	•	•	•
Temperature Coefficient : 0.1 x (Spec.Acc)/°C, ≤18°C or >28°C	•	•	•
Safety : IEC 1010-1	CAT III 300V/CAT II 600V	CAT III 600V/CAT II 1000V	CAT III 600V/CAT II 1000V
EMC : EN61326-1	N/A	•	•
Power Requirement : AC 100~240V, 50/60Hz, 10VA	•	•	•
DC AA or LR6 or AM3 battery 1.5V x 6	•	•	•
Battery Life : In hours without backlight (Alkaline battery)	1200	50	50
Size : without carrying case (mm)	218(W) x 195(L) x 73(H)	230(W) x 233(L) x 95(H)	230(W) x 233(L) x 95(H)
Weight : without power cord	1.3Kg	1.8Kg	1.8Kg
Accessories : Test Leads, carrying strap, power cord and manual	•	(also including Temp. probe, USB cable and APPA WinDMM 208 software)	(also including Temp. probe, USB cable and APPA WinDMM 208 software)

Specifications subject to change without notice.

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NEW

APPA 208
APPA 208B Bluetooth

40,000 count digital display and 43 segment analog display
Large white LED backlight display
Dual display
AC, DC and AC+DC on Voltage & Current mode with Frequency indication
0.03% DCV accuracy
40M Ohms Resistance capability
True RMS reading on AC and AC+DC mode
Auto Store up to 100 memories
Data Logging up to 40,000 records
BlueTooth(Ver. 4.0, 208B only)
Auto Calibration
On-Screen-Menu Selection
LoZ for prevent false reading from ghost voltage
Auto Fuse Detector
High Frequency Rejection (LFP)
Min/Max/Avg
Relative/% Function
Auto Hold/Peak Hold
11A/1000V & 400mA/1000V High Energy Fuses
dBm/dB measurement
Store/Recall memories
Virtual Instrumentation
USB interface with Software included
Temperature Probe included
Test lead storage compartment
Side & neck strap design for handle carrying
Power Line 110V, 220V Selectable
CAT III 600V/CAT II 1000V standard



APPA 201N

2000 count large scale digital display
Autoranging and Manual selection
Backlight
0.5% DCV accuracy
20M Ohms Resistance capability
True RMS reading on AC mode
AC/DC Dual Power Sources
Data Hold
Min/Max function
Capacitance measurement
Frequency Counter
Diode and Continuity Test
6KV transients protection on 660 VAC feeders
Test lead storage compartment
Side & neck strap design for handle carrying
Power Line 110V, 220V Selectable
CAT III 300V/CAT II 600V standard