

APPA 200 SERIES VERSAMETERS	APPA 201N	APPA 208	APPA 208B
FEATURES :			
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)
	Bandwidth	50Hz to 500Hz	40Hz to 100kHz	40Hz to 100kHz
(AC+DC)V :	Ranges & Resolution : Same as ACV, except Accuracy	N/A	•	•
Auto V-LoZ	Ranges	400.0V, 1000V	N/A	•
DCA :	Ranges	200uA to 10A	40mA to 10A	40mA to 10A
	Resolution	0.1uA	1uA	1uA
	Basic Accuracy	±(1.0%+2d)	±(0.2%+10d)	±(0.2%+10d)
ACA :	Ranges	200uA to 10A	40mA to 10A	40mA to 10A
	Resolution	0.1uA	1uA	1uA
	Basic Accuracy	±(1.5%+5d)	±(0.8%+20d)	±(0.8%+20d)
	Bandwidth	50Hz to 500Hz	40Hz to 10kHz	40Hz to 10kHz
(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
	Basic Accuracy	±(0.7%+3d)	±(0.2%+10d)	±(0.2%+10d)
Continuity :	Ranges	<50Ω	10Ω-50Ω(Adj)	10Ω-50Ω(Adj)
Diode Test :	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 :			
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
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
Size :	without carrying case (mm)	218(W) x 195(L) x 73(H)	230(W) x 233(L) x 95(H)
Weight :	without power cord	1.3Kg	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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APPA TECHNOLOGY CORPORATION

9F, 119-1 Pao-Zong Rd., Shintien, Taipei, 231, TAIWAN

Tel: +886-2-29178820 Fax: +886-2-29170848

E-mail: info@appatech.com · http://www.appatech.com

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APPA 200 Series VersaMeter™

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Bluetooth



Designed for using in a laboratory



Designed for harsh environment



Extra back storage for full accessories



Handle carrying design for mobility



Bluetooth

All New Design Bluetooth
High Performance Desktop Multimeter



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