

APPA 600 SERIES INSULATION TESTER AND MULTIMETER

FEATURES:	APPA 605	APPA 607
Digital display	4,000 count	10,000 count
Analog Bar graph Segments	48	48
Auto Backlit, Dual Display	•	•
Insulation Test Voltage 50V, 100V, 250V, 500V, 1000V	•	•
Insulation Test 0.001MΩ~22.0GΩ	N/A	•
Insulation Test 0.001MΩ ~20.0GΩ	•	N/A
Auto-discharge of capacitive voltage	•	•
Min/Max	•	•
Store/Recall Memories	•	•
Low Pass Filter (High Frequency Rejection)	•	•
Auto AC/DC Voltage detect	•	•
Compare Function	•	N/A
P/DAR	•	N/A
Insulation test smooth testing	N/A	•
Continuity	N/A	•
Diode Test	N/A	•
AC/DC mV	N/A	•
AC/DC mA	N/A	•
Frequency	N/A	•
Capacitance	N/A	•
Temperature	N/A	•
Temp. Adaptor & Bead probe	N/A	•
Remote Probe, test leads, alligator clips	•	•
Automatic power shut off	•	•

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

DCV:	APPA 605	APPA 607
Ranges:	600.0V	100.00mV~1000.0V
Resolution:	0.1V	0.01mV
Basic Accuracy:	± (1.0%+5d)	± (0.08%+2d)
Input Impedance:	3MΩ	10MΩ
Overload Protection:	600V rms or DC	1000V rms or DC
ACV: <td></td> <td></td>		
Ranges:	600.0V	100.00mV~1000.0V
Resolution:	0.1V	0.01mV
Basic Accuracy: 50Hz~5KHz	± (1.5%+5d)	± (0.9%+3d)
Input Impedance:	3MΩ // <100pF	10MΩ // <100pF
Overload Protection:	600V rms or DC	1000V rms or DC
Conversion Type: True RMS indicating	•	•
DCA: <td></td> <td></td>		
Ranges:	N/A	100.00mA~400.0mA
Resolution:	N/A	0.01mA
Basic Accuracy:	N/A	± (0.2%+2d)
Input Protection: 440mA/1000V DC/AC fuse	N/A	•
ACA: <td></td> <td></td>		
Ranges:	N/A	100.00mA~400.0mA
Resolution:	N/A	0.01mA
Basic Accuracy: 40Hz~100KHz	N/A	± (1.5%+2d)
Input Protection: 440mA/1000V DC/AC fuse	N/A	•
OHM/Earth Bond Resistance: <td></td> <td></td>		
Ranges:	40.00Ω~40.00kΩ	1000.0Ω~40.00MΩ
Resolution:	0.01Ω	0.1Ω
Basic Accuracy:	± (1.5%+3d) at 400.0Ω	± (0.5%+2d)
Overload Protection:	600V rms or DC	1000V rms or DC
Continuity Beeper:	<30Ω, 2KHz tone buzzer	•
Diode Test:	Open circuit voltage: 3V	± (0.5%+2d)
Insulation Resistance: <td></td> <td></td>		
Testing Voltage Ranges:	50V, 100V, 250V, 500V, 1000V	50V, 100V, 250V, 500V, 1000V
Resistance Ranges:	0.001MΩ~20.0GΩ	0.001MΩ~22.0GΩ
Resolution:	1kΩ	1kΩ
Basic Accuracy:	± (1.5%+5d)	± (1.5%+5d)
Overload Protection:	600V rms or DC	1000V rms or DC
Frequency Counter: <td></td> <td></td>		
Ranges:	N/A	10.00Hz~100kHz
Resolution:	N/A	0.01Hz
Basic Accuracy:	N/A	± (0.1%+5d)
Overload Protection:	N/A	1000V rms
Capacitance: <td></td> <td></td>		
Ranges:	N/A	10.000nF~40.00mF
Resolution:	N/A	0.001nF
Basic Accuracy:	N/A	± (1.2%+2d)
Overload Protection:	N/A	1000V rms
°C / °F: <td></td> <td></td>		
Ranges:	N/A	-200°C~1200°C
Resolution:	N/A	0.1°C
Basic Accuracy:	N/A	± (1%+1°C)

GENERAL:	APPA 605	APPA 607
Sampling Rate:	3times/sec	6times/sec
Overload Indication: "OL" or "-OL"	•	•
Low Battery Indication	☹	☹
Auto Power Off: Approx. 20 minutes	•	•
Operating Temperature: 0°C ~ 50°C, ≤80% RH	•	•
Storage Temperature: -20°C ~ 60°C	•	•
Temperature Coefficient: 0.15 (Spec. Acc) / °C, < 18°C or >28°C	•	•
Safety: IEC 61010 and designed to meet UL61010 specifications. Compliance to IEC61557.	CAT. IV. 600V	CAT. IV. 600V, CAT. III 1000V
Power Requirement: AA size 1.5V x 4 batteries (NEDA 15A or IEC LR6)	•	•
Battery Life: In hours (Alkaline battery)	1100 times of insulation tests	80
Size: 95mm (W) x 200mm (L) x 51.20 mm (H), without holster	•	•
Weight: In grams (with holster)	630	630
Accessories: Remote Probe, Test Leads, Alligator Clips, Protective Holster, Magnetic Hanging Kit, Alkaline batteries (installed) and manual	•	Also included Temp. adaptor and Bead Probe

Specifications subject to change without notice.

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APPA 600 Series

Insulation Tester and Multimeter



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 ISO 9001 CERTIFIED



Advanced Instrument Technology Made Easy



CONVENIENT REPETITIVE TESTING

Ergonomically designed remote test probe for repetitive testing without pressing the TEST button on Tester/Meter for better convenience.



NEW

APPA 605 Insulation Resistance Tester

4,000 count extra large digital display
48 segments analog bar graph
Auto Backlit, Dual display
Insulation test range: 0.01MΩ to 20GΩ
Insulation test voltage: 50V, 100V, 250V, 500V, 1000V
Auto AC/DC Voltage Detection
Automatic calculation of Polarization Index and Dielectric Absorption Ratio
Store/Recall memories
Convenient Compare (Pass/Fail) Function
Resistance capability from 0.01Ω to 20.00kΩ
Auto Power Off to save battery life
Included with Remote test probe, test leads, alligator clips and magnetic hanging kit.
CAT. IV 600V

DAY & NIGHT

An innovative auto ON/OFF backlit feature give you fulltime display visibility and increased battery life.



EXTRA PROTECTION

Ergonomically designed slim shape protective holster that includes a built-in tilt stand, a nail hook, and convenient test lead storage. This holster provides an extra degree of protection and convenience for your meter.



INSULATION TESTING

Insulation testing with leakage current display (605) and testing range up to 20GΩ with 50V, 100V, 250V, 500V and 1000V DC testing voltage.



BATTERY & FUSE EASY TO REPLACE

Unscrew only one screw to remove battery door for battery replacement and fuse replacement, designed for user's convenience without opening the bottom case.



LOW PASS FILTER (HIGH FREQUENCY REJECTION)

Bypass the noise of electrical equipment for stable reading of measurement.



NEW

APPA 607 Insulation Multimeter

10,000 count extra large digital display
48 segments analog bar graph
Auto Backlit, Dual display
Auto AC/DC Voltage Detection
AC/DC 1000V capability
Min Max AVG features
Store/Recall memories
Resistance capability up to 40MΩ
Insulation test range up to 22GΩ
Insulation test voltage: 50V, 100V, 250V, 500V, 1000V
Auto Power Off to save battery life
Included with Remote test probe, test leads, alligator clips and magnetic hanging kit.
CAT. IV 600V/CAT. III 1000V standard