

APPA 700 SERIES LCR METERS

FEATURES:	APPA 701	APPA 703
Digital display	2,000/20,000 count	2,000/20,000 count
Analog Bar graph Segments	46	46
Auto Backlit, Dual Display	*	*
Auto Selection of LCR testing	*	*
Auto Ranging	*	*
Measurement Parameters	L,C,R,D,Q,EsR	L,C,R,D,Q,θ, EsR
Testing Frequency 100Hz/120Hz/1kHz/10kHz/100kHz selectable	*	*
Testing Frequency 100Hz/120Hz/1kHz/10kHz selectable	*	*
Parallel/Serial test mode	*	*
Sorting mode for QC	*	*
Data Hold	*	*
Self-Calibration	*	*
External DC Power operation	*	*
Max/Min	N/A	*
Zeroing Mode	*	*
Low battery indication	*	*
Automatic power shut off	*	*
USB interface	*	*
2 wires Easy Testing	*	*
5 wires Accuracy Testing	*	*
Full Accessories	Standard Accessories	*

SPECIFICATIONS:(All at 23°C±5°C, ±80% R.H.) Multiply accuracy digit by 10 in 20,000 count mode.			
Inductance:	Ranges	20 μH-20KH	20 μH-20KH
	Resolution	0.001 μH	0.001 μH
	Basic Accuracy	±(0.2%+5d)	±(0.2%+5d)
Capacitance:	Ranges	20pF-20mF	20pF-20mF
	Resolution	0.001pF	0.001pF
	Basic Accuracy	±(0.2%+3d)	±(0.2%+3d)
Resistance:	Ranges	20 Ω-200M Ω	20 Ω-200M Ω
	Resolution	0.001 Ω	0.001 Ω
	Basic Accuracy	±(0.2%+2d)	±(0.2%+2d)
DC Resistance:	Ranges	200 Ω-200M Ω	200 Ω-200M Ω
	Resolution	0.01 Ω	0.01 Ω
	Basic Accuracy: 40Hz-100kHz	±(0.2%+2d)	±(0.2%+2d)
Q:	Ranges	0.000-999	0.000-999
	Resolution	0.001	0.001
D:	Ranges	0.000-999	0.000-999
	Resolution	0.001	0.001
θ:	Ranges:	N/A	±80°
	Resolution		0.1°

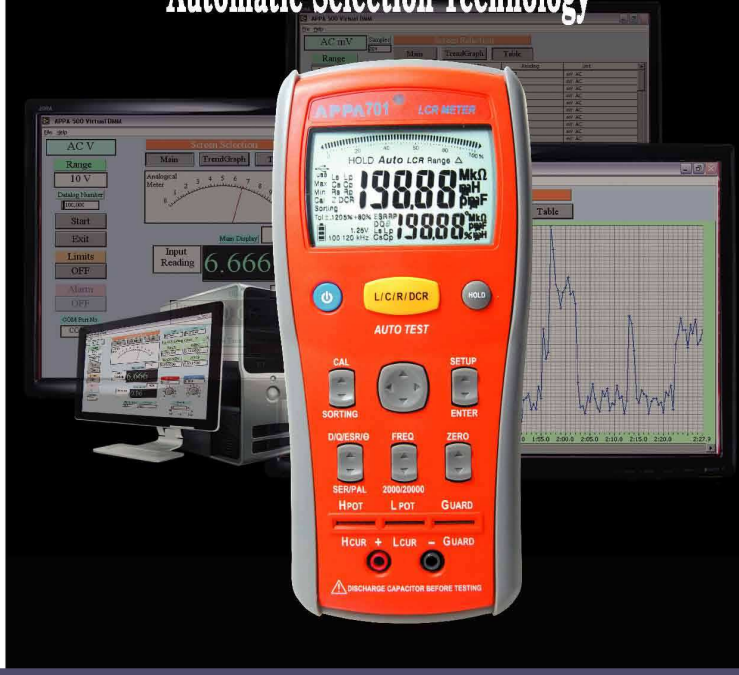
GENERAL:		
Sampling Rate	1.25 times/sec	1.25 times/sec
Overload Indication: "OL" or "-OL"	*	*
Low Battery Indication	*	*
Auto Power Off: Approx. 10 minutes	*	*
Operating Temperature: 0°C - 50°C, ≤80% RH	*	*
Storage Temperature: -20°C - 60°C	*	*
Temperature Coefficient: 0.15 (Spec. Acc) / °C, < 18°C or >28°C	*	*
Power Requirement: AA size 1.5V x 4 batteries (NEDA 15A or IEC LR6)	*	*
Battery Life: In hours (Alkaline battery)	50	50
Size: 55mm(W) x 200mm (L) x 51.20 mm(H), without holster	805	805
Weight: In grams (with holster)	805	805
Accessories: Alligator Clips, Shorting Bar, Magnetic Hanging Kit, Alkaline batteries (installed) and manual	*	Also included 4 wire SMD clip, DC power port, USB cable and CD-ROM software.

Specifications subject to change without notice.

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APPA 700 Series LCR Meters

Automatic Selection Technology



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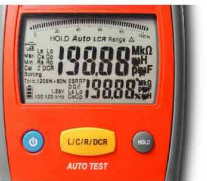


DAY & NIGHT

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

BATTERY EASY TO REPLACE

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



FULL AUTOMATIC SELECTION

Automatically measuring L, C and R with Q, D, and θ (703) by just turn on the meter, ...the first ever-smart LCR meter.

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.



NO-OPTION FULL ACCESSORIES

Ergonomically designed test clip with comfort-grip (701, 703), 4-wires SMD test clip, magnetic hanging kit, shorting bar, AC power adaptor, USB cable and a CD software(703)



USB INTERFACE

Safe and easy used USB interface to connect to PC for data acquisition or connect to a DC power supply.



NEW APPA 701

- 20,000/2,000 count dual digital display
- 46 segments Bar graph display
- Auto Selection of LCR Testing
- Auto Ranging
- Auto Backlit
- 0.2% basic accuracy Capacitance and Inductance
- Measurement Parameters: L,C,R,D,Q, EsR
- Testing Frequency: 100Hz/120Hz/1KHz/10KHz selectable
- Parallel/Serial test mode
- Sorting mode for QC
- Data Hold
- Self Calibration
- External DC power operation
- Zeroing Mode
- Low Battery Indication
- Auto Power Off
- Optical USB interface
- 2 Wires Easy Testing
- 5 Wires Accuracy Testing



NEW APPA 703

- 20,000/2,000 count dual digital display
- 46 segments Bar graph display
- Auto Selection of LCR Testing
- Auto Ranging
- Auto Backlit
- 0.2% basic accuracy Capacitance and Inductance
- Measurement Parameters: L,C,R,D,Q,θ, EsR
- Testing Frequency: 100Hz/120Hz/1KHz/10KHz/100KHz selectable
- Parallel/Serial test mode
- Sorting mode for QC
- Static recording (Max/Min)
- Data Hold
- Self Calibration
- External DC power operation
- Zeroing Mode
- Low Battery Indication
- Auto Power Off
- Optical USB interface
- 2 Wires Easy Testing
- 5 Wires Accuracy Testing
- Full accessories included