Metrix+™
Innovative Excellence

DIGITAL CLAMP METER

725A+

600A AC/DC True RMS

Features

- 600A AC/DC True RMS Auto-ranging
- 4000 count backlit display
- Inrush current measurement
- 27mm jaw diameter
- NCV, Low Battery indication and auto-power off
- Data hold
- Polarity indication



Technical Specifications

Model	*Metrix+* 725A+		
Safety standard	IEC 61010-1, CAT III 600V		
DC Voltage	**Range**	**Resolution**	**Accuracy**
	400mV ~ 400V	0.1mV ~ 100mV	±(0.5% + 5)
	600V	1V	±(0.5% + 5)
AC Voltage(True RMS)	**Range**	**Resolution**	**Accuracy**
	400mV ~ 400V	0.1mV ~ 100mV	±(1.2% + 5)
	600V	1V	
DC Current	**Range**	**Resolution**	**Accuracy**
	400A	100mA	±(2% + 10)
	600A	1A	±(2% + 10)
AC Current (True RMS)	**Range**	**Resolution**	**Accuracy**
	400A	100mA	±(2% + 10)
	600A	1A	±(2% + 10)
Resistance	**Range**	**Resolution**	**Accuracy**

	400Ω ~ 4MΩ	0.1Ω ~ 0.001MΩ	±(1% + 3)
	40MΩ	0.01MΩ	±(1.5% + 5)
Capacitance	**Range**	**Resolution**	**Accuracy**
	10nF	0.001nF	±(3% + 20)
	100nF ~ 1mF	0.01nF ~ 100nF	±(3% + 5)
	10mF	1uF	±(5% + 5)
Temperature	**Range**	**Resolution**	**Accuracy**
	-50 ~ 300C	1C	±(1% + 5)
	301 ~ 1000C	1C	±(1.9% + 15)
	-58F ~ 600F	1F	±(1.2% + 6)
	601F ~ 1832F	1F	±(1.9% + 25)
Frequency	**Range**	**Resolution**	**Accuracy**
	100Hz ~ 40MHz	0.01Hz ~ 0.01MHz	±(0.5% + 3)
Duty Ratio	**Range**	**Resolution**	**Accuracy**
	1% ~ 99%	0.1%	±(0.5% + 3)
Inrush current measurement	The peak current of a measurement window of 80ms is measured		
Diode	Display of similar diode positive voltage. Measuring condition: Positive DC electric current 1mA, reverse DC voltage approximate 3V		
Continuity	When the transited resistance is smaller than about 90Ω,the buzzer beeps. Test condition: Open-circuit voltage is about 0.5V.		
Additional functionalities	Diode, continuity, NCV, backlight, low battery indication, auto power off, data hold		
Display	4000 counts backlit LCD		
Operating temperature	0C ~ 40C, 75% RH max		
Storage temperature	-10C ~ 60C, 85% RH max		
Power	2 X 1.5V AAA		
Size & weight	213 x 80 x 35mm, approx. 240g(incl. battery)		
Standard Accessories	Main unit, test leads, temperature probe, user manual, battery		

Model and Specifications subject to change without notice.