

APECH

DIGITAL CLAMPMETER

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FEATURES

This digital multimeter is designed and manufactured in compliance with IEC-61010 safety requirements on electronic measuring instruments and hand-held digital multi meters. It is compliant with IEC-61010 requirement pertaining to 600V CAT IV, 1000V CAT III and requirements on pollution degree 2.

	SPECIFICATIONS	RANGE	ACCURACY
V_{DC}	DC Voltage	600mV / 6V / 60V / 600V / 1000V	+/- (5.0%+3)
V_{AC}	AC Voltage	6V / 60V 600V / 750V	+/- (0.8%+3) +/- (1%+10)
A_{DC}	DC Current	6uA / 6mA / 60mA / 600mA 20.00A	+/- (0.8%+3) +/- (1.2%+3)
A_{AC}	AC Current	60mA / 600mA 20.00A	+/- (1.0%+3) +/- (1.5%+3)
Ω	Resistance	600Ω / 6kΩ / 60KΩ / 600kΩ / 6MΩ 60MΩ	+/- (0.8%+3) +/- (1.2%+3)
μF	Capacitance	6nF/60nF/600nF/6uF/60uF/600uF/6mF 100mF	+/- (4.0%+3) +/- (5.0%+3)
f	Frequency	9.999Hz/99.99Hz/999.9Hz/9.999kHz 99.99kHz / 999.9kHz/9.999MHz	+/- (1.0%+3)
$\square$	Duty Cycle	5% ~ 95%	+/- (2.0%+3)
$^{\circ}C/^{\circ}F$	Temperature	-20~1000°C / -4~1832°F	+/- (1.0%+3)
hFE	hFE	0~1000	+/- (1.0%+3)
Display	Display	6000Counts	
True RMS	True RMS	Yes	
ACV(bandwidth)	ACV(bandwidth)	1kHz	
$^{\circ}C/^{\circ}F$	$^{\circ}C/^{\circ}F$	Yes	
f	Frequency	10MHz	
Ω	Resistance	60MΩ	
μF	Capacitance	100mF	
$\square$	Continuity	High/Medium/Low (LED signal indication)	
$\square$	Diode Test	Yes	
hFE	hFE	Yes	
Live Line	Live Line	High/Medium/Low (LED signal indication)	
Low Battery ind	Low Battery ind	Yes	
Auto Power off	Auto Power off	yes	

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This instrument complies with IEC 61010-1; CAT: III 1000V and CAT:IV 600V overvoltage standards. See Specifications.
It designed according to EN61010-1 Safety standard, and comes with ROHS/Reach Cert.
It has 3 3/4 LCD display Auto range Multimeter
It can measure AC Voltage,DC Voltage,AC Current,DC Current, Resistance,Continuity,Diode test etc.
It also has backlight , Data hold, mistake operating protection.

	SPECIFICATIONS	RANGE	ACCURACY
V_{DC}	DC Voltage	200mV/2V/20V/200V 1000V	$\pm(0.5\%+1)$ $\pm(0.8\%+2)$
V_{AC}	AC Voltage	2V/20V/200V 750V	$\pm(0.8\%+3)$ $\pm(1.2\%+3)$
A_{DC}	DC Current	200mA 10A	$\pm(1.5\%+1)$ $\pm(2.0\%+5)$
A_{AC}	AC Current	200mA 10A	$\pm(1.8\%+3)$ $\pm(3.0\%+7)$
Ω	Resistance	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20 200MΩ	$\pm(0.8\%+1)$ $\pm(5.0\%+10)$
μF	Capacitance	20nF/200nF/2uF/200uF	$\pm(4.0\%+5)$
Lx	Inductance	20mH/200mH/2H/20H	$\pm(3.0\%+5)$
f	Feature		
$\square$	Display	2000 Counts	
$\square$	Data hold	✓	
$\square$	Diode test	✓	
$\square$	Transistor	✓	
$\square$	Continuity	✓	
$\square$	Back light	✓	
hFE	General		
$\square$	Power supply	9V6F22 Battery(not included this	
$\square$	Weight	Approx 380g	
$\square$	Size	188mmx92mmx50mm	
$\square$	Safety Rating	CE CAT .III1000V CAT.IV600V	