

YF-8030, 8050, 8060, 8070

DIGITAL CLAMP METER

GENERAL SPECIFICATIONS:

- Low battery and overrange display.
- Battery life about 200 hours.
- Sampling times: 2.5 times/sec
- Inductive clamp JAW (ACA) or Jack for frequency measurement.
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- Power Supply: 006P 9V x 1 pcs.
- Operating temperature and humidity: -10°C ~ 50°C, below 80% RH.
- Accessories: test leads, manual, carrying case, 006P 9V.

ACCURACY $\pm(\dots\% \text{rdg} + \dots \text{dgt})$

FUNCTION	Type	YF-8030	YF-8050	YF-8060	YF-8070
	Type	AC/DC clamp	AC clamp	Leakage clamp	AC clamp
	Display	3-1/2 dgt	3-3/4 dgt	3-3/4 dgt	3-1/2 dgt
	Auto/manual	A	M	M	M
L x W x H g	Dimension	221 x 62 x 35mm	221 x 62 x 35mm	221 x 62 x 45mm	221 x 62 x 45mm
	Weight	420 g	454 g	342 g	333 g
	Jaw Opening	53 mm	52 mm	35 mm	35 mm
	Peak/Data Hold	P, D	P	P	P, D
Continuity	•)))	below 5 Ω		below 20 Ω	below 40 Ω
	Range	200A, 1200A	40A, 400A, 1000A	40mA, 400mA, 4A, 100A	200A, 600A
AC Current	Resolution	0.1A, 1A	0.01A, 0.1A, 1A	0.01mA, 0.1mA, 1mA, 0.1A	0.1A, 1A
(ACA)	Accuracy	$\pm (1.5\%+4)$ 200A $\pm (2\%+4)$ 1200A	$\pm (1.5\%+3)$ 40A $\pm (1.5\%+4)$ 400-1000A	$\pm (1.5\%+2)$ 40mA-4A $\pm (1.5\%+5)$ 100A	$\pm (1.5\%+4)$
	Overload Protection	1200A (60 Sec)	1200A (60 Sec)	1A, 10A, 100A, 500A	800A (60 Sec)
	Range	200A, 1200A			
DC Current	Resolution	0.1A, 1A			
(DCA)	Accuracy	$\pm (1.5\%+4)$ 200A $\pm (2\%+4)$ 1200A			
	Overload Protection	1200A (60 Sec)			
	Range	750V	400V, 750V	500V	200V, 750V
	Resolution	1V	0.1V, 1V	1V	0.1V, 1V
AC Voltage	Accuracy	$\pm (1.2\%+3)$	$\pm (1\%+4)$	$\pm (1.5\%+5)$	$\pm (1.2\%+4)$
(ACV)	Input Impedance	10 M Ω	10 M Ω	•	•
	Overload Protection	DC 1000 V AC 750 Vrms	DC 1000V AC 750V	•	•
	Range	200V, 750V			
	Resolution	0.1V, 1V			
DC Voltage	Accuracy	$\pm (0.5\%+2)$			
(DCV)	Input Impedance	10 M Ω			
(Auto Range)	Overload Protection	DC 1000 V AC 750 Vrms			
	Range	2K, 20K 200K, 2000K Ω	4000 Ω	400 Ω	2 K Ω
Resistance	Resolution	1, 10, 100, 1K Ω	1 Ω	0.1 Ω	1 Ω
(Ω)	Accuracy	$\pm (0.8\%+2)$ 2K-200K $\pm (1.0\%+2)$ 2000K	$\pm (1\%+2)$	$\pm (1.2\%+2)$	$\pm (1\%+2)$
	Open Voltage	> 1.0V	3.1V ~ 3.5V		Max 0.35V
	Overload protection	600 Vrms	600 Vrms	DC/AC 500V	600 Vrms
	Auto Range	•			
	Range	2 KHz	4K, 40K, 400K, 4000K		2K, 20K, 200K, 2M, 5M
	Resolution	1 Hz	1, 10, 100, 1K		1, 10, 100, 1K, 10K
Frequency	Accuracy	$\pm (2\%+3)$	$\pm (0.8\%+3)$ 4K-400K $\pm (1.2\%+3)$ 4000K		$\pm (0.8\%+3)$ 2K-2M $\pm (1.2\%+3)$ 5M
(Auto)	Max Sensitivity	100 mV	3 Vrms (4K-400K) 5 Vrms (4000K)		3 Vrms (2K-2M) 5 Vrms (5M)
	Overload Protection	600 Vrms	600 Vrms		600 Vrms
	Note	by test leads	by test leads		by test leads

Inductive clamp Jaw measuring frequency of ranges: 10 Hz ~ 10 KHz (YF-8050, 8070)

Range	10-200 Hz	201-400 Hz	401-600 Hz	601-800 Hz	801 Hz-1 KHz	1.1 K-1.9 KHz	1.91 K-4 KHz, 4.01 K-10 KHz, 5 K
Sensitivity	0.2 A	0.3 A	0.4 A	0.5 A	0.6 A	1A	2 A



YU FONG ELECTRIC CO., LTD.