

Selection Guide — Clamp-On Meter



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Electrical Test Instruments

Manufacturer	Page	IEC1010 CAT III	Current			Voltage			Frequency	Ohms	True RMS	Continuity	Jaw Size
			AC	DC	Accuracy (I)	AC	DC	Accuracy (V)					
AC/DC Models													
Ideal/Sperry DSA2003	B53		2000A	2000A	1.00%	750V	1000V	1.50%		4 kΩ		•	2.16"
Ideal/Sperry DSA-2009	B53		2000A	2000A	1.00%	750V	1000V	1.50%	4000 Hz	4 kΩ		•	2.16"
Yokogawa CL250	B55	600V	2000A	2000A	1.00%	750V	1000V	1.50%	4 kHz	4 kΩ	•	•	1.02"
Extech 380923	B53	600V	2000A	2000A	1.50%	600V	600V	1.00%		2 kΩ			1.30"
MeterMan AD105	B45		1000A	1000A	1.90%						•		2"
AEMC 514	B46	600V	1000A	1000A	1.90%	750V	1000V	0.75%	10 kHz	4000Ω	•	•	1.58"
Extech 380922	B53	600V	1000A	1000A	1.50%	600V	600V	1.00%		2 kΩ			1.30"
Fluke 337	B44	600V	1000A	1000A	2.00%	600V	600V	1.00%	5-400 Hz	6000Ω	•	•	1.7"
Amprobe ACDC-3000	B49		1000A	1000A	2.00%	750V	750V	1.50%	200 kHz	40 MΩ	•	•	2.00"
Amprobe ACDC-620T	B49		1000A	1000A	2.00%	1000V	1000V	1.50%		4 kΩ	•	•	2.00"
Amprobe ACDC1000A	B51		999A	999A	1.00%	999V	999V	1.00%		4 kΩ			2.00"
MeterMan AC68	B45		600A	600A	1.20%	600V	600V	0.75%		4 kΩ		•	1.1"
Amprobe ACDC-600A	B51		600A	600A	1.90%								1.33"
Amprobe ACDC-600AT	B51		600A	600A	1.90%								1.33"
Fluke 336	B44	600V	600A	600A	2.00%	600V	600V	1.00%		6000Ω	•	•	1.7"
AEMC F01	B48	600V	400A	400A	1.50%	600V	600V	1.00%		400Ω	•	•	1.00"
AEMC F03	B48	600V	400A	400A	1.50%	600V	600V	1.00%		4000Ω	•	•	1.00"
AEMC F05	B48	600V	400A	400A	1.50%	600V	600V	1.00%	20kHz	40 kΩ	•	•	1.00"
AEMC F07	B48	600V	400A	400A	1.50%	600V	600V	1.00%	20kHz	40 kΩ	•	•	1.00"
Extech 380947	B54	300V	400A	400A	1.50%				1000 kHz		•		0.90"
AEMC 503	B46	600V	400A	400A	2.50%	600V		1.50%	400 kHz	400Ω		•	1.1"
Yokogawa CL220	B55	300V	300A	300A	1.00%	750V	1000V	1.50%	4 kHz	4 kΩ		•	1.02"
Extech 380652	B54	300V	200A	200A	1.20%	500V	200V	1.00%		200Ω			0.75"
Extech 380941	B54	300V	200A	200A	1.00%	400V		1.50%	1000 kHz	400Ω			0.90"
Extech 380942	B54	300V	30A	30A	1.50%	400V	400V	2.00%			•		0.90"
AC Only Models													
Ideal/Sperry DSA2002	B53		2000A		1.00%	750V	750V	1.00%		400 kΩ		•	2.16"
Yokogawa CL150	B55	600V	2000A		1.00%	750V	1000V	1.50%		1 kΩ		•	1.02"
Megger DCM204R	B47		2000A		1.30%	600V		1.00%		400Ω	•	•	2.00"
Megger DCM104R	B47		1000A		1.30%	600V		1.00%		400Ω	•	•	2.00"
AEMC 511	B46	600V	1000A		1.90%	750V	1000V	0.75%	10 kHz	4000Ω		•	1.58"
AEMC 512	B46	600V	1000A		1.90%	750V	1000V	0.75%	10 kHz	4000Ω	•	•	1.58"
Amprobe ACD-11	B52		1000A		2.50%	750V		1.20%		40 kΩ		•	2.08"
Amprobe RS Series	B52		1000A		3.00%	750V		3.00%		25Ω		•	2.00"
Yokogawa CL130	B55	600V	600A		1.50%	600V		1.50%		200Ω		•	1.02"
Yokogawa CL135	B55	600V	600A		1.50%	600V		1.50%		200Ω	•	•	1.02"
Fluke 334/335	B44	600V	600 A		2.00%	600V	600V	1.00%		6000Ω	335	•	1.2"
MeterMan AC60	B45	300V	600A		1.90%	600V		1.20%		40 kΩ		•	1.57"
MeterMan AC65	B45	300V	600A		1.90%	600V		1.20%		40 kΩ	•	•	1.57"
Extech 380973	B54	600V	400A		1.50%	600V	600V	1.20%	4 kHz	4 kΩ	•		1.6"
Amprobe ACD-10 TRMS Pro	B50	300V	400A		1.90%	600V	600V	1.50%	400 Hz	40 MΩ	•	•	1.02"
Amprobe ACD-10Pro	B50	300V	400A		1.90%	600V	600V	1.50%	400 Hz	40 MΩ		•	1.02"
Amprobe ACD-14	B50	600V	400A		1.90%	600V	600V	1.50%	100 kHz	40 MΩ		•	1.02"
MeterMan AC38	B45		400A		1.50%	750V		1.50%				•	1"
Extech MA460	B48		400A		1.90%	600V	600V	1.50%	100 kHz	40 MΩ	•		1.10"
Fluke 333	B47	600V	400A		2.00%	600V		1.00%		600Ω			1.2"
Fluke 321/322	B47	600V	400A		2.00%	600V		1.00%		400Ω			1"
Meterman AD40A	B48	600V	400A		2.00%								1"
Meterman AC40A	B48	600V	400A		2.00%	600V	600V	1.50%		400Ω		•	1"
AEMC 502	B49	600V	400A		2.50%	600V		1.50%	400 kHz	400Ω	•	•	1.02"
AEMC 501	B49	600V	400A		2.50%	600V		1.50%	400 kHz	400Ω		•	1.02"
AEMC 500	B50	600V	400A		2.50%	600V		1.50%		400Ω		•	1.02"
AEMC F3N	B50	600V	400A		2.00%				10 kHz		•		1.58'
AEMC F1N	B50	600V	400A		2.00%				10 kHz		•		1.58'
AVO/Biddle 23852E-1	B50		200A		1.30%	600V		1.00%		400Ω	•	•	2.00"
Megger DCM300E	B61	300V	30mA-300A		1.20%								40mm
Ideal 61-700/701/702	B59	600V/1000V	200A		3.00%	600V		0.5-1.2%	40 kHz	200 kΩ		•	1.30"
Fluke T5-600/1000	B60	600V	100A		3.00%	600/1000V		1-1.5%		1 kΩ		•	0.508"
Amprobe DLC-100	B56		40mA/100A		1% / 9%	400V		1.50%		400Ω			1.18"