

Selection Guide of Clamp Meters

	AC Clamp Meters											
MODEL	2608A	2031	2007A	2017	2007R	2117R	2027	2040	2200 2200R	2002PA	2002R	2204R 2210R
Appearance												
Conductor size (MAX.mm)	φ33mm	φ24mm	φ33mm	φ33mm	φ33mm	φ33mm	φ33mm	φ33mm	φ33mm	φ55mm	φ55mm	φ70mm φ150mm
Display	Analogue	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Detection method	MEAN	MEAN	MEAN	MEAN	RMS	RMS	RMS	MEAN	MEAN(2200) RMS(2200R)	MEAN	RMS	RMS
Frequency response	50/60Hz	40 - 1kHz	40 - 400Hz	45 - 1kHz	40 - 400Hz	40 - 1kHz	40 - 1kHz	40 - 400Hz	45 - 65Hz(ACA:2200) 40 - 1kHz(ACA:2200R) 45 - 500Hz(ACV:2200) 45 - 500Hz(ACV:2200R)	40 - 1kHz	40 - 1kHz	45 - 500Hz
Measurement												
ACA	300A	200A	600A	600A	1000A	1000A	600A	600A	1000A	2000A	2000A	400A(2204R) 3000A(2210R)
DCA	-	-	-	-	-	-	-	-	-	-	-	-
ACV	600V	-	750V	600V	600V	600V	600V	600V	600V	750V	750V	-
DCV	60V	-	-	-	600V	600V	-	600V	600V	1000V	1000V	-
Resistance	10kΩ	-	4000Ω	200Ω	6kΩ	600kΩ	200Ω	60MΩ	40MΩ	400kΩ	400kΩ	-
Continuity buzzer	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
Frequency	-	-	-	-	-	-	-	10kHz	-	-	-	-
Duty cycle ratio	-	-	-	-	-	-	-	✓	-	-	-	-
Diode test	-	-	-	-	-	-	-	✓	-	-	-	-
Capacitance test	-	-	-	-	-	-	-	-	-	-	-	-
Temperature	✓	-	-	-	-	-	-	-	-	-	-	-
Function												
Non contact voltage	-	-	-	-	-	✓	-	✓	-	-	-	-
Back light	-	-	-	-	-	-	-	-	-	-	-	✓
Data hold	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Peak hold	-	-	-	-	-	-	-	-	-	✓	✓	-
Max/Min	-	-	-	-	-	-	-	✓	-	-	-	✓
Relative	-	-	-	-	-	-	-	✓	-	-	-	-
Output	-	-	-	-	-	-	-	-	-	✓	✓	-
Frequency filter	-	-	-	-	-	-	-	-	-	-	-	-
Other												
Operating temperature	0 - 40℃	0 - 40℃	0 - 40℃	-10 - 50℃	0 - 40℃	0 - 40℃	-10 - 50℃	0 - 40℃	0 - 40℃	0 - 40℃	0 - 40℃	0 - 50℃
Measurement categories	CAT III 300V CAT II 600V	CAT III 300V	CAT III 300V	CAT III 600V	CAT IV 300V CAT III 600V	CAT IV 300V CAT III 600V	CAT III 600V	CAT IV 600V	CAT IV 300V(ACA):2200R only CAT III 600V(ACA) CAT III 300V(AC/DCV) CAT II 600V(AC/DCV)	CAT III 600V CAT II 1000V	CAT III 600V CAT II 1000V	CAT IV 600V CAT III 1000V
Power source	R6 x 1	LR44 x 2	R03 x 2	6F22 x 1	R03/LR03 x 2	R03/LR03 x 2	6F22 x 1	R03 x 2	R03/LR03 x 2	R6 x 2	R6 x 2	R03/LR03 x 2
Dimensions (L)x(W)x(D)mm	193x78x39	147x58.5x26	195x78x36	208x91x40	204x81x36	204x81x36	208x91x40	243x77x36	190x68x20	247x105x49	247x105x49	120x70x26
Weight(Approx.)	275g	100g	260g	400g	220g	220g	400g	300g	120g	470g	470g	200g(2204R) 300g(2210R)