



200/400/600 Series Clamp-On Meter Comparison

v0220

MODEL	401	601	203	403	603	205	405	605	407	607	
GENERAL											
Catalog #	2139.20	2139.30	2139.12	2139.21	2139.31	2139.40	2139.50	2139.60	2139.51	2139.61	
Jaw Size	1.89" (48mm)	2.36" (60mm)	1.34" (34mm)	1.89" (48mm)	2.36" (60mm)	1.34" (34mm)	1.89" (48mm)	2.36" (60mm)	1.89" (48mm)	2.36" (60mm)	
True RMS (TRMS)	•		•			•			•		
Auto AC/DC Detection	•		•			•			•		
VOLTAGE											
AC	1000V		1000V			1000V			1000V		
DC	1000V		1000V			1000V			1000V		
AC+DC	-		-			1000V			1000V		
Bandwidth	3kHz		3kHz			3kHz			3kHz		
Frequency Hz - Voltage	5.0 to 20kHz		5.0 to 20kHz			5.0 to 20kHz			5.0 to 20kHz		
CURRENT											
AC	1000A		600A		1000A		2000A		1000A		
DC	-		900A		1500A		3000A		1500A		
AC+DC	-		-			600A		1000A		2000A	
Bandwidth	2kHz	1kHz	3kHz	2kHz	1kHz	3kHz	2kHz	1kHz	2kHz	1kHz	
Frequency Hz - Current	5.0 to 2kHz	5.0 to 1kHz	5.0 to 3kHz	5.0 to 2kHz	5.0 to 1kHz	5.0 to 3kHz	5.0 to 2kHz	5.0 to 1kHz	5.0 to 2kHz	5.0 to 1kHz	
Adapter Function	-		•			-			-		
Adapter Function - Max	-		5.999Vac/dc		9.999Vac/dc		-		-		
True InRush	•		•			•			•		
POWER & ENERGY											
Power Values	-		-			kW/var/VA			kW/var/VA		
Power - MAX - AC/DC	-		-			600W/900W		1kW/1.5kW		2kW/3kW	
Energy Values	-		-			-			Wh/varh/VAh		
Energy - MAX - AC/DC	-		-			-			999Gh		
Harmonic Analysis	-		-			-			• up to 25th		
THDf / THDr	- / -		- / -			• / •			• / •		
PF / DPF	- / -		- / -			• / -			• / •		
CF / Ripple	- / -		- / -			- / -			• / •		
Phase Rotation	-		-			•			-		
MULTIMETER FUNCTIONS											
Ohm	0.1 to 99.99kΩ		0.1 to 59.99kΩ		0.1 to 99.99kΩ		0.1 to 99.99kΩ		0.1 to 99.99kΩ		
Continuity - Audible	•		•			•			•		
Continuity - Threshold	1 to 999Ω		1 to 599Ω		1 to 999Ω		1 to 999Ω		40Ω		
Diode Test - Junction	•		•			•			-		
Temperature - K-type	-76.0 to +1832°F -60.0 to +1000°C		-76.0 to +1832°F -60.0 to +1000°C			-			-		
OTHER FUNCTIONS & MODES											
Hold	•		•			•			•		
Min / Max	• / •		• / •			• / •			• / •		
Peak- / Peak+	- / -		- / -			• / •			• / •		
REL / Differential	- / -		• / •			• / •			- / -		
Auto Power Off	•		•			•			•		
MEMORY & SOFTWARE											
Recording Of Data	-		-			-			• ≤ 10 mins		
Communication Method	-		-			-			Bluetooth		
DataView Software	-		-			-			•		
MECHANICALS, POWER & SAFETY											
Resolution	10,000 counts		6,000 counts		10,000 counts		6,000 counts		10,000 counts		
Power Supply	4 x 1.5V AA		1 x 9V LFP22		4 x 1.5V AA		1 x 9V LFP22		4 x 1.5V AA		
Ingress Protection	IP54		IP54			IP54		IP54		IP54	
Safety	1000V CAT IV		600V CAT IV		1000V CAT IV		600V CAT IV		1000V CAT IV		
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