



# 5xx/67x/Leakage Clamp-On Meter Comparison

v0220

MODEL	503	505	512	514	670	675	565	CM605
Mission	Clamp-On Meter	TRMS Clamp-On Meter	TRMS Clamp-On Meter	TRMS Clamp-On Meter	TRMS Clamp-On Meter	TRMS Clamp-On Meter	TRMS Leakage Current Meter	Leakage Current Meter
<b>GENERAL</b>								
Catalog #	2117.22	2139.82	2117.68	2117.70	2117.49	2117.50	2117.56	7000.02
Jaw Size	1.18" (30mm)	1.18" (30mm)	1.575" (40mm)		1.65" (42mm)	1.57" (40mm)	1.1" (28mm)	0.45" (12mm)
True RMS (TRMS)	-	•			•		•	-
Auto AC/DC Detection		-			-		•	-
<b>VOLTAGE</b>								
AC	600V		750V		1000V		600V	
DC	600V		1000V		1400V		600V	
AC+DC	-		-		-		-	
Frequency Hz - Voltage	50 - 500Hz	48 - 400Hz	1 - 10kHz		1.0 - 10kHz		0.1 - 1kHz	40 - 500Hz
<b>CURRENT</b>								
AC	400A		1000A		1000A	1000A	50µA - 100A	1mA - 100A
DC	400A		-	1000A	-	1400A	-	1mA - 100A
AC+DC	-		-		-		-	
Frequency Hz - Current	50 - 500Hz	48 - 400Hz	1 - 4kHz	1 - 10kHz	1.0 - 1kHz		50 - 3kHz	50 - 500Hz
Adapter Function	-		-		-		-	
InRush Capture	-		-		-		-	
<b>POWER &amp; ENERGY</b>								
Power & Energy Values	-		-		-		-	
<b>MULTIMETER FUNCTIONS</b>								
Ohm	0.2 - 400Ω	0.2 - 600Ω	0.2 - 4000Ω		0.1 - 10kΩ		0.1 - 1kΩ	1 - 10kΩ
Continuity - Audible	•		•		•		•	
Continuity - Threshold	40Ω	35Ω	40Ω		35Ω		35Ω	100Ω
Diode Test - Junction	-		•		-		-	
Temperature - K-type	-		-		-40 - +2192°F -40 - +1200°C		-	
<b>OTHER FUNCTIONS &amp; MODES</b>								
Hold	•		•		•		•	
Min / Max	- / -		• / •		• / •		- / -	
Peak - / Peak+	- / -	- / •	• / •		• / •		- / -	- / •
REL Mode	-		•		-		-	•
Auto Power Off	•		•		•		•	
<b>MEMORY</b>								
Recording Of Data	-		-		-		-	
<b>DISPLAY, POWER &amp; SAFETY</b>								
Display	LCD				Backlit LCD		Backlit LCD	LCD
Resolution	4,000 counts				10,000 counts		10,000 counts	
Number Of Display Lines	1				2		1	
Power Supply	2 x 1.5V AAA		1 x 9V LF22		1 x 9V		2 x 1.5V AAA	
Safety	600V CAT II 300V CAT III	600V CAT III	1000V CAT II 600V CAT III		600V CAT IV 1000V CAT III		600V CAT III	300V CAT III 600V CAT II
<b>MODEL</b>	<b>503</b>	<b>505</b>	<b>512</b>	<b>514</b>	<b>670</b>	<b>675</b>	<b>565</b>	<b>CM605</b>