

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

v0922

MODEL	505	512	514	670	675	566	CM605
Mission	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
GENERAL							
Catalog #	2139.82	2117.68	2117.70	2117.49	2117.50	2139.83	7000.02
Jaw Size	1.18" (30mm)	1.575" (40mm)		1.65" (42mm)	1.57" (40mm)	0.91" (23mm)	0.45" (12mm)
True RMS (TRMS)	•			•		•	-
VOLTAGE							
AC	600V	750V		1000V		600V	
DC	600V	1000V		1400V		600V	
AC+DC	-			-		-	
Frequency Hz - Voltage	48 - 400Hz	1 - 10kHz		1.0 - 10kHz		48 - 500Hz	40 - 500Hz
CURRENT							
AC	400A	1000A		1000A	1000A	1µA - 60A	1mA - 100A
DC	400A	-	1000A	-	1400A	-	1mA - 100A
AC+DC	-			-		-	
Frequency Hz - Current	48 - 400Hz	1 - 4kHz	1 - 10kHz	1 - 1kHz		48 - 500Hz	50 - 500Hz
Adapter Function	-			-		-	
InRush Capture	-			-		-	
POWER & ENERGY							
Power & Energy Values	-			-		-	
MULTIMETER FUNCTIONS							
Ohm	0.2 - 600Ω	0.2 - 4000Ω		0.1 - 10kΩ		0.1 - 600kΩ	1 - 10kΩ
Continuity - Audible	•			•		•	
Continuity - Threshold	35Ω	40Ω		35Ω		45Ω	100Ω
Diode Test - Junction	-	•		-		-	
Temperature - K-type	-			-40 - +2192°F -40 - +1200°C		-	
OTHER FUNCTIONS & MODES							
Low Pass Filter (LPF)	-			-		•	-
Hold	•			•		•	
Min / Max	- / -	• / •		• / •		- / -	
Peak- / Peak+	- / •	• / •		• / •		- / •	- / •
REL Mode	-	•		-		•	•
Auto Power Off	•			•		•	
MEMORY							
Recording Of Data	-			-		-	
DISPLAY, POWER & SAFETY							
Display	LCD			Backlit LCD		Backlit LCD	LCD
Resolution	4,000 counts			10,000 counts		6,000 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 III	1000V CAT II 600V CAT III		600V CAT IV 1000V CAT III		600V CAT III	300V CAT III 600V CAT II
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