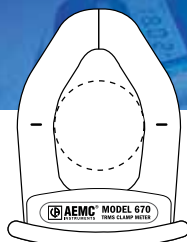


CLAMP-ON METERS

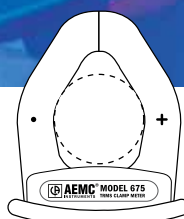
670 Series

Models 670 & 675

**Dual display
simultaneously
measures and displays
voltage and current!**



Model 670
Jaw Opening: 1.65" (42mm)
Conductor Size: one 750kcmil
cable or two 350kcmil cables



Model 675
Jaw Opening: 1.58" (40mm)
Conductor Size: one 750kcmil
cable or two 350kcmil cables



► SPECIFICATIONS

MODELS	670 TRMS		675 TRMS	
ELECTRICAL				
AC Current				
Measuring Range	0.00 to 99.99A	100 to 1000A	0.00 to 99.99A	100 to 1000A
Resolution	0.01A	0.1A	0.01A	0.1A
Accuracy	1.5% of Reading ± 5cts (50 to 60Hz) 2.0% of Reading ± 5cts (50 to 500Hz) 4.5% of Reading ± 5cts (500Hz to 3kHz)		1.5% of Reading ± 5cts (50 to 60Hz) 2.0% of Reading ± 5cts (50 to 500Hz) 4.5% of Reading ± 5cts (500Hz to 3kHz)	
DC Current				
Measuring Range	—		0.00 to 99.99A	100.0 to 999.9A
Resolution	—		0.01A	0.1A
Accuracy	—		1.2% of Reading ± 5cts	2.5% of Reading ± 5cts
AC Voltage				
Measuring Range	0.0 to 999.9V		0.0 to 999.9V	
Resolution	0.1V		0.1V	
Accuracy	1.0% of Reading ± 5cts (50 to 60Hz) 1.2% of Reading ± 5cts (50 to 500Hz) 2.5% of Reading ± 5cts (500Hz to 3kHz)		1.0% of Reading ± 5cts (50 to 60Hz) 1.2% of Reading ± 5cts (50 to 500Hz) 2.5% of Reading ± 5cts (500Hz to 3kHz)	
Input Resistance	1MΩ		1MΩ	
DC Voltage				
Measuring Range	0.0 to 999.9V	1000 to 1400V	0.0 to 999.9V	1000 to 1400V
Resolution	0.1V	1V	0.1V	1V
Accuracy	1% of Reading ± 2cts		1% of Reading ± 2cts	
Input Resistance	1MΩ		1MΩ	
Resistance-Ohms (Ω)				
Measuring Range	0.0 to 999.9Ω	1000 to 9999Ω	0.0 to 999.9Ω	1000 to 9999Ω
Resolution	0.1Ω	1Ω	0.1Ω	1Ω
Accuracy	1% of Reading ± 3cts, 3.3Vdc (Vmax)		1% of Reading ± 3cts, 3.3Vdc (Vmax)	
Continuity (•••))				
Beeper Activation	< 35Ω		< 35Ω	
Accuracy	1% of Reading ± 3cts, 3.3Vdc (Vmax)		1% of Reading ± 3cts, 3.3Vdc (Vmax)	
Frequency (Hz)				
Function	A - Hz	V - Hz	A - Hz	V - Hz
Range	1000Hz	10,000Hz	1000Hz	10,000Hz
Resolution	0.1Hz	1Hz	0.1Hz	1Hz
Accuracy	1.0% of Reading ± 2cts		1.0% of Reading ± 2cts	
Temperature (°C/°F)				
Measuring Range	-40 to 999.5°C	1000 to 1200°C	-40 to 999.5°C	1000 to 1200°C
Resolution	0.5°C	1°C	0.5°C	1°C
		1°F		1°F
GENERAL				
Power Supply	One 9V, NEDA 1604 (6F22) Alkaline battery (included)			
Battery Life	(no buzzer or backlight) 35 hours		(no buzzer or backlight) 30 hours	
MECHANICAL				
Digital Display	3 ¾ digits LCD dual display (max reading 9999)		3 ¾ digits LCD dual display (max reading 9999)	
Jaw Opening	1.65" (42mm)		1.58" (40mm)	
ENVIRONMENTAL				
Operating Temperature	*-14° to 122°F (-25 to 50°C), 80% RH, non-condensing		*-14° to 122°F (-25 to 50°C), 80% RH, non-condensing	

► PRODUCT INCLUDES

Soft carrying case, set of test leads (red/black with safety needle tips), K-type thermocouple, one 9V battery and a user manual.



► FEATURES

- Dual display
- Standard size, full function clamp-on meter
- 1000Aac/dc current measurements (DC current on Model 675 only)
- 1400Vdc volt measurements
- TRMS measurements
- Resistance measurement to 10,000 Ω
- Continuity with beeper below 35 Ω
- Frequency measurements from V and A inputs
- 1ms peak function for fast capture of signals
- Hold function to "freeze" readings
- Designed to measure amps and volts at the same time
- Push-button for easy ADC zeroing
- Large, easy-to-read 9999-count, backlit LCD display
- Includes test leads and soft carrying case

*Note: If the meter is to be used below 32 $^{\circ}$ F (0 $^{\circ}$ C), we suggest that the battery be replaced to ensure proper results.

CATALOG NO. DESCRIPTION

2117.49	Clamp-On Meter Model 670 (Dual Display, TRMS, AC Amps, AC/DC Volts, Ohms, Continuity, Frequency, & Temperature)
2117.50	Clamp-On Meter Model 675 (Dual Display, TRMS, AC/DC Amps & Volts, Ohms, Continuity, Frequency & Temperature)