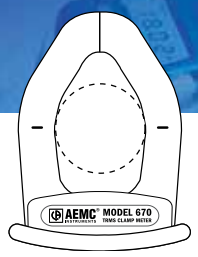
Special product features

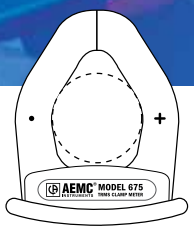
CLAMP-ON METERS
670 Series

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	1000 to 1400A
Resolution	–			0.01A	0.1A	1A
Accuracy	–			1.2% of Reading ± 5cts	2.5% 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 (•ı))))						
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 2192°F	-40 to 999.5°C	1000 to 1200°C	-40 to 2192°F
Resolution	0.5°C	1°C	1°F	0.5°C	1°C	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		

▶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 10,000Ω
- Continuity with beeper below 35Ω
- 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°F (0°C), we suggest that the battery be replaced to ensure proper results.*

▶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.

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)