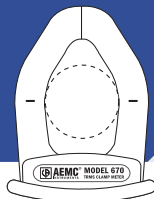


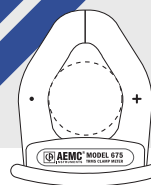
CLAMP-ON METERS

670 SERIES



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



MODELS 670 & 675

Dual display simultaneously measures and displays voltage and current!



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 (60 to 500Hz) ±4.5% of Reading ±5cts (500Hz to 3kHz)		±1.5% of Reading ±5cts (50 to 60Hz) ±2.0% of Reading ±5cts (60 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 (60 to 500Hz) ±2.5% of Reading ±5cts (500Hz to 3kHz)			±1.0% of Reading ±5cts (50 to 60Hz) ±1.2% of Reading ±5cts (60 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 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 10,000-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)

