



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 500kcmil cable

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 (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 2192°F	1000 to 1200°C
Resolution	0.5°C	1°C	1°F	0.5°C
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

Meter, set of test leads (red/black with safety needle tips), K-type thermocouple, one 9V battery, soft carrying case 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)

