

TightSight® Clamp Meters 1000 & 660 Amp

- TightSight® bottom display
- Tapered jaws with hook tip
- Measures AC current
- True RMS
- AC/DC Voltage
- Capacitance
- Audible continuity
- Frequency via clamp head or test leads
- Resistance
- High frequency rejection*
- Peak hold
- Max/min hold
- Data hold
- Selectable audible and visual voltage alerts on AC/DC voltage functions
- Selectable auto power off
- Backlit display
- Low battery indicator
- 2-year warranty

*Reads accurately on noisy electrical circuits.



1000A Clamp
(61-773)



Exclusive TightSight®
Display

Description	Cat. No.
1000AAC Clamp Meter w/ differentiating features	61-773
1000A AC/DC Clamp Meter	61-775
660AAC Clamp Meter	61-763
660A AC/DC Clamp Meter	61-765

Includes: Carrying Case and Test Leads w/Alligator Clips.



660A Clamp
(61-763)



Specifications	Range & Resolution				Accuracy
	61-773	61-775	61-763	61-765	
AC Current	0.0-999.9A		0.0-660.0A		2.0%
DC Current	—	0.0-999.9A	—	0.0-660.0A	2.0%
AC Voltage	0.0-750.0V				1.0%
DC Voltage	0.0-999.9V				1.0%
Resistance	0.0-999.9Ω				1.5%
Capacitance	0.0-999.9μF				5.0%
Continuity	0.0-999.9Ω				Audible @ <30Ω
Frequency	20.0-400.0Hz				0.5%
Jaw Size	2" (51mm)		1.42" (36mm)		—

4-in-1 Test Tools (700 Series)

- 200AAC current capability
- Non-contact voltage (40-600VAC)
- Vibration mode to verify AC voltage
- Harmonics indicator
- Capacitance
- Max hold
- Continuity
- Low battery indication
- Integral lead storage
- Audible dangerous voltage warning on all ranges
- Auto power off
- Ergonomic hourglass shape
- Compact clamp head
- 2-year warranty



61-704

Description	Cat. No.
4-in-1 Test Tool w/TRMS, Backlight	61-704
4-in-1 Test Tool	61-702

Includes: Carrying Case and Silicone Test Leads.

Specifications	Range & Resolution Accuracy	
	61-702 & 61-704	
AC Voltage	2000m/200.0/750 V	1.2%
DC Voltage	2000m/200.0/1000 V	0.5%
AC Current	200.0 A	3.0%
Resistance	200.0/200.0k Ω	1.0%
Capacitance	200.0μ F	3.0%

Jaw opening is 1.3" (33mm).

Clamp-Pro™ Clamp Meters 600 Amp (740 Series)

- Measures up to 600AAC
- Non-contact voltage indicator (70V-600VAC)
- Continuity
- Tapered jaws with hook tip
- Auto/manual ranging
- Data hold
- Auto power off
- Low battery indicator
- 2-year warranty



61-744

Description	Cat. No.
600A Clamp Meter w/TRMS	61-746
600A Clamp Meter	61-744

Includes: Carrying Case and Test Leads.

Specifications	Range & Resolution Accuracy	
	61-744 & 61-746	
AC Current	40.00/400.0/600A	1.7%
AC Voltage	400.0/600 V	1.2%
DC Voltage	400.0/600 V	0.5%
Resistance	400.0/4.000k/ 40.00k 400.0k/4.000M/40.00M Ω	1.0%


Jaw opening is 1.25" (32mm).



Compact jaw for use in tight locations.

700/740 Series

Multimeter Selection Guide

MULTIMETER SELECTION GUIDE	310 Series		340 Series		360	480 Series		490 Series		600	610 Series	
	61-310	61-312	61-340	61-342	61-361	61-484	61-486	61-497	61-498	61-605	61-610	61-614
MEASUREMENT FUNCTIONS												
AC & DC Voltage	•	•	•	•	•	•	•	•	•	•	•	•
AC Current	•	•	•	•	•	•	•	•	•			
DC Current	•	•	•	•	•	•	•	•	•		•	•
Resistance	•	•	•	•	•	•	•	•	•	•	•	•
LV Resistance						•	•	•	•			
Audible Continuity	•	•	•	•	•	•	•	•	•	•		•
Diode Test	•	•	•	•	•	•	•	•	•	•		
Capacitance		•	•	•	•	•	•	•	•			
Frequency		•	•	•	•	•	•	•	•			
Temperature	•	•	•	•			•	•	•			
Duty Factor			•	•				•	•			
Battery Test	•										•	•
Decibels								•	•			
Phase Rotation					•							
FEATURES												
Display Type (Digital or Analog)	D	D	D	D	D	D	D	D	D	D	A	A
True RMS				•	•	•	•	•	•			
Auto/Manual Ranging		•	•	•		•	•	•	•	•		
Non-Contact Voltage Detection						•	•					
Data Hold / Auto Hold	D	D	D	D		D	D	A	A	D		
Min/Max			•	•		•	•	•	•			
Min/Max/Avg			•	•		•	•	•	•			
Peak Min/Max						•	•	•	•			
Relative Mode								•	•			
High Speed Analog Bar Graph						•	•	•	•		•	•
Auto Power Off			•	•	•	•	•	•	•	•		
Backlight			•	•		•	•	•	•	•		
Low Battery Indication			•	•	•	•	•	•	•	•		
Dual Display								•	•	•		
Overload Protection on all Ranges	•	•	•	•	•	•	•	•	•	•		
Data Logging								•	•			
Data Acquisition								•	•			
Memory Storage & Recall								•	•			
Optical USB Interface								•	•			
ProVision™ II Software								•	•			
Warranty (years)	2	2	2	2	2	2	2	2	2	2	2	2
CERTIFICATIONS												
UL 61010 Listed	•	•	•	•	•	•	•	•	•	•	•	•
CAT Rating 	II	II	III	III	III	IV	IV	IV	IV	II	II	II
CE	•	•	•	•	•	•	•	•	•	•	•	•

490 Series Industrial-Grade Multimeters

- True RMS
- Data acquisition
- Data logging
- Data storage
- Auto AC/DC voltage and current mode w/frequency indication
- High voltage indicator
- Frequency
- Temperature
- High frequency rejection mode*
- Auto selection for resistance/continuity/diode/capacitance
- Auto hold
- Peak hold
- dBm/dB measurement
- Relative mode
- Min/Max/Avg
- Dual display
- Duty factor
- Auto power off
- Auto sensing backlight
- Low battery indicator
- USB cable and software included
- 2-year warranty



61-498

Description	Cat. No.
Digital Multimeter, 0.015% DCV Accuracy	61-498
Digital Multimeter, 0.03% DCV Accuracy	61-497

Accessories

Includes	
Test Leads w/Alligator Clips	TL-497
Magnetic Strap	61-565
USB Cable	61-902
ProVision™ II Software	61-906
K-Type Thermocouple	61-461
Thermocouple Adapter	61-465
Carrying Case	C-230

Specifications

Range & Resolution

Accuracy

	61-497	61-498	61-497	61-498
AC Voltage	40.000m/400.00m/ 4.0000/40.000/400.00/1000.0 V	100.000m/1000.00m/ 10.0000/100.000/1000.00V	±0.7%	±0.40%
DC Voltage	40.000m/400.00m/ 4.0000/40.000/400.00/1000.0 V	100.000m/1000.00m/ 10.0000/100.000/1000.00V	±0.03%	±0.015%
AC Current	40.000m/400.00m/10.000 A	10.0000m/100.000m/10.0000A	±0.8%	±0.7%
DC Current	40.000m/400.00m/10.000 A	10.0000m/100.000m/10.0000A	±0.2%	±0.1%
Resistance	400.00/4.0000k/40.000k/400.00k/ 4.0000M/40.000M Ω	1000.00/10.0000k/100.000k/1000.00k 10.0000M/40.000M Ω	0.6%	0.6%
Capacitance	4.000n/40.00n/400.0n/4.000μ/ 40.00μ/ 400.0μ/4.000m/40.00mF	4.000n/40.00n/400.0n/4.000μ/40.00μ/ 400.0μ/4.000m/40.00mF	0.9%	0.9%
Diode Test	2.000 V	0.400 V - 0.800 V	±1.5%	±1.5%
Frequency	40.000/400.00/4.0000k/40.000k/400.00k/ 4.0000M Hz	40.000/400.00/4.0000k/40.000k/400.00k/ 4.0000M Hz	±0.002%	±0.002%
Duty Factor	20% - 80%	20% - 80%	±0.1%	±0.1%
Temperature	-328° F to 2192° F (-200° C TO 1200° C)	-328° F to 2192° F (-200° C TO 1200° C)	±1.0% +2°F/1°C	±1.0% +2°F/1°C

*Reads accurately on noisy electrical circuits.



480 Series Commercial-Grade Multimeters

- True RMS
- Auto AC/DC voltage detect w/low impedance (Auto - VL_oZ)
- Capacitance
- Frequency
- Analog bar graph
- Min/max
- Non-contact voltage detect
- Low battery indication
- Auto power off
- 2-year warranty

61-486



Description	Cat. No.
Digital Multimeter w/peak hold, temperature, includes thermocouple	61-486
Digital Multimeter	61-484

Include: Test Leads & Carrying Case.

Specifications

Range & Resolution

Accuracy

	61-484	61-486	61-484	61-486
AC Voltage	6.000/60.00/600.0/1000.0 V		1.0%	0.80%
AC mV	600.0 mV		1.5%	1.2%
DC Voltage	6.000/60.00/600.0/1000.0 V		0.1%	0.08%
DC mV	600.0 mV	60.00/600.0 mV		
AC Current	60.00m/600.0m/6.000/10.00A		1.5%	1.2%
DC Current	60.00m/600.0m/6.000/10.00A		1.0%	0.80%
Resistance	600.0/6.000k/60.00k/600.0k/6.000M/40.00M Ω		1.0%	0.80%
Capacitance	1nF to 10.mF			0.1%
Frequency	99.9 to 100.0k Hz			0.1%
Temperature	—	-40°F to 752°F (-40°C to 400°C)		1.0%



361 Contractor-Grade Multimeter

- Phase rotation
- Capacitance
- Frequency
- Voltage
- Current
- Resistance
- Audible continuity
- Manual ranging
- Rugged construction
- Auto power off
- Low battery indication
- 2-year warranty



Description	Cat. No.
361 Multimeter w/TRMS	61-361

Includes: Test Leads.

Specifications	Range & Resolution	Accuracy
61-361		
AC Voltage	200.0m/2000m/200.0/600 V	2.0%
DC Voltage	200.0m/2000m/20.00/200.0/600 V	1.2%
AC Current	2.000 A	3.0%
DC Current	2.000 A	2.5%
Resistance	200.0/2.000k/20.00k/200.0k/20.00M/200.0M Ω	1.0%
Capacitance	20.00 μ /200.0 μ /2.000m/20.00m F	4.0%
Frequency	10.0-100.0k Hz	0.5%
Phase Rotation	80-500V (50-500Hz)	—



340 Series Test-Pro® Multimeters

- Capacitance
- Frequency
- Temperature
- Voltage
- Current
- Resistance
- Audible continuity
- Relative mode
- Backlight
- Min/max
- Data hold
- Low battery indicator
- Auto power off
- 2-year warranty

61-340



61-342

Description	Cat. No.
Test-Pro® Multimeter w/TRMS	61-342
Test-Pro® Multimeter	61-340

Includes: Test Leads and Thermocouple.

Specifications	Range & Resolution	Accuracy
61-340 & 61-342		
AC Voltage	4.000/40.00/400.0/600 V	1.5%
DC Voltage	400.0m/4.000/40.00/400.0/600 V	0.5%
Current	400.0 μ /4000 μ /40.00m/400.0m/4.000/10.00A AC/DC	1.5%
Resistance	400.0/4.000k/40.00k/400.0k/4.000M/40.00M Ω	1.0%
Capacitance	40.00n/400.0n/4.000 μ / 40.00 μ /400.0 μ F	3.0%
Frequency	10.000/100.00/1.000k/10.00k/100.0k/1.000M/4.000M Hz	0.3%
Temperature	-4° F to 1382° F (-20° C to 750° C)	3.0%

