

## TightSight™ Clamp Meters

**Problem:** Have you ever had to measure the circuit current in a confined, dimly lit and hard to reach location?

**Solution: IDEAL TightSight™ Clamp Meter!** This meter allows the user to safely and easily view current measurement with the exclusive second TightSight® display.



### Safety

- Patented TightSight™ display lets you easily take readings while keeping your head at a safe distance from the panel – no more need to twist the meter or risk pulling on an energized conductor
- Easy to read backlit display with large numbers and icons so you can always see the correct reading
- Selectable audible and visual alerts when potentially hazardous voltages are detected at the probe terminals
- Electronic overload protection on all ranges
- Test leads supplied are compliant to IEC61010-031 compliant

### Productivity

- Read and record while clamped instead of holding the reading, unclamping, moving and recording
- Hook tip for easier wire separation and tapered jaws for reaching into tight spaces
- Help troubleshoot with min and max value readings over a period, i.e. nuisance tripping and power supply fluctuations
- True RMS provides accurate readings of non-sinusoidal load currents
- Broad current range from 0 to 1000 amps (61-770 series) covers multiple applications
- Large jaw diameter for cables up to 2" (51mm) in diameter (770 series only)

### Value

- Includes carrying case and test leads with alligator clips
- Full AC/DC capabilities: the TightSight™ is equally adaptable for both AC and DC current measurement requirements – such as solar, public transportation, and battery backup applications
- Calibration services available
- 2-year warranty



## TightSight™ 1000A Clamp Meters

- TightSight™ second display
- Tapered jaws with hook tip
- True RMS current and voltage
- AC/DC Voltage
- Audible continuity
- High frequency rejection\*
- Peak hold
- Max/min hold
- Data hold
- Selectable audible and visual alerts when potentially hazardous voltages are detected at the probe terminals
- Selectable auto power off
- Backlit display
- Low battery indicator

\* Reads accurately on noisy electrical circuits.



Description	Cat. No.
1000A AC Clamp Meter	61-773
1000A AC/DC Clamp Meter	61-775

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

## TightSight™ 660A Clamp Meters

- TightSight™ bottom display
- Tapered jaws with hook tip
- True RMS current and voltage
- AC/DC Voltage
- Audible continuity
- High frequency rejection\*
- Peak hold
- Max/min hold
- Data hold
- Selectable audible and visual alerts when potentially hazardous voltages are detected at the probe terminals
- Selectable auto power off
- Backlit display
- Low battery indicator

\* Reads accurately on noisy electrical circuits.



Description	Cat. No.
660A AC Clamp Meter	61-763
660A AC/DC Clamp Meter	61-765

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

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 (clamp head or test leads)	20.0-400.0Hz				0.5%
Jaw Size	2" (51mm)		1.42" (36mm)		—



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

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



Description	Cat. No.
600A AC Clamp Meter w/TRMS	<b>61-746</b>
600A AC Clamp Meter	<b>61-744</b>

Includes: Carrying Case and Test Leads.

Specifications	Range & Resolution	Accuracy
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).

## 4-in-1 Test Tools (700 Series)

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



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

Includes: Carrying Case and Silicone Test Leads.

Specifications	Range & Resolution	Accuracy
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 Meter Selection Guide

CLAMP METER SELECTION GUIDE	700	740 Series		760 Series		770 Series	
	61-704	61-744	61-746	61-763	61-765	61-773	61-775
<b>MEASUREMENT FUNCTIONS</b>							
AC Voltage	•	•	•	•	•	•	•
DC Voltage	•	•	•	•	•	•	•
AC Current	•	•	•	•	•	•	•
DC Current					•		•
Resistance	•	•	•	•	•	•	•
Audible Continuity	•	•	•	•	•	•	•
Diode Test	•						
Capacitance	•			•	•	•	•
Frequency				•	•	•	•
<b>FEATURES</b>							
Display Type (Digital)	D	D	D	D	D	D	D
AC Current Capacity - Amps	200	600	600	660	660	1000	1000
DC Current Capacity - Amps					660		1000
True RMS	•		•	•	•	•	•
Auto Ranging	•						
Auto/Manual Ranging		•	•	•	•	•	•
Data Hold		•	•	•	•	•	•
Max Hold	•						
Peak Hold				•	•	•	•
Min/Max				•	•	•	•
DCA Zero					•		•
Auto Power Off	•	•	•	•	•	•	•
Non-Contact Voltage Indication	•	•	•				
Harmonics Indicator	•						
Vibration Mode	•						
Backlight	•			•	•	•	•
Low Battery Indication	•	•	•	•	•	•	•
High Voltage Warning	•			•	•	•	•
Overload Protection on all Ranges	•	•	•	•	•	•	•
Conductor Size – Inches (mm)	1.3" (33)	1.5" (38)	1.5" (38)	1.4" (36)	1.4" (36)	2.0" (51)	2.0" (51)
Warranty (years)	2	2	2	2	2	2	2
<b>CERTIFICATIONS</b>							
UL 61010 Listed	•	•	•	•	•	•	•
Category Safety Rating	III	III	III	IV	IV	IV	IV
CE	•	•	•	•	•	•	•