



TEST & MEASUREMENT

Clamp Meter Selection Guide

CLAMP METER SELECTION GUIDE	700 Series		740 Series		760 Series		770 Series	
	61-702	61-704	61-744	61-746	61-763	61-765	61-773	61-775
MEASUREMENT FUNCTIONS								
AC Voltage	•	•	•	•	•	•	•	•
DC Voltage	•	•	•	•	•	•	•	•
AC Current	•	•	•	•	•	•	•	•
DC Current						•		•
Resistance	•	•	•	•	•	•	•	•
Audible Continuity	•	•	•	•	•	•	•	•
Diode Test	•	•						
Capacitance	•	•			•	•	•	•
Frequency					•	•	•	•
FEATURES								
Display Type (Digital)	D	D	D	D	D	D	D	D
AC Current Capacity	200	200	600	600	660	660	1000	1000
DC Current Capacity						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)	1.3" (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	2
CERTIFICATIONS								
UL 61010 Listed	•	•	•	•	•	•	•	•
CAT III, 100V/CAT IV 600V	III	III	III	III	IV	IV	IV	IV
CE	•	•	•	•	•	•	•	•



CLAMP METERS

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



660A Clamp
(61-763)

Description	Cat. No.
1000AAC Clamp Meter	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 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	20.0-400.0Hz				0.5%
Jaw Size	2" (51mm)		1.42" (36mm)		—

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
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
- 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
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).