

CLAMP METERS

MEASURES AMPERAGE, VOLTAGE, RESISTANCE
AND CONTINUITY

- 1000A, 660A, 600A, 400A & 200A AC/DC models
- cULus, CE & RCM listed
- Patented TightSight® bottom display (61-775, 61-765, 61-757, 61-747 & 61-415)
- Built in flashlight (61-757, 61-747, 61-415) and probe/lead holders (61-757, 61-747, 61-737, 61-415)
- Magnetic strap mount (61-757, 61-747, 61-737, 61-415)



TIGHTSIGHT® CLAMP METERS



61-775
1000A AC/DC Clamp Meter
TightSight™ w/Backlight
CAT IV 600V | CAT III 1000V



61-765
660A AC/DC Clamp Meter
TightSight™ w/Backlight
CAT IV 600V | CAT III 1000V



61-757
600A AC/DC Clamp Meter
TightSight™ w/Backlight
& Flashlight
CAT IV 600V | CAT III 1000V



61-747
400A AC/DC Clamp Meter
TightSight™ w/Backlight
& Flashlight
CAT III 600V



61-415
200A AC/DC Split Jaw Meter
TightSight™ w/Backlight
& Flashlight
CAT IV 600V | CAT III 1000V

CONVENTIONAL CLAMP METERS



61-744
400A AC Clamp Meter
4000 Count
CAT III 600V



61-737
400A AC Clamp Meter
4000 Count w/Backlight
CAT III 600V

CLAMP METER ACCESSORIES



TL-757
Test Leads
w/Alligator Clips



UMHS-757
Universal Magnetic
Hanging Strap

IMPORTANT: The clamp meters on this page are intended for use by qualified electricians. Follow the NFPA 70E Standard for Electrical Safety in the workplace when using this tester. Always consult the instruction manual provided with the tester for operational limitations and procedures associated with a specific tester.

CLAMP METERS

TIGHTSIGHT® | CONVENTIONAL

Non-Contact Voltage Tester
Screen displays
EF (Electromagnetic Field)

Flashlight

Built-In Probe Tip Holder

Universal Magnetic Strap Clip

Overmolded Industrial Grip
2M Drop (model specific)

61-757 | 61-747

Backlit Displays

Patented TightSight™ Backlit Display eliminates need to bend or twist conductors or place your head near or in the panel and allows you to easily read the bottom display when taking all measurements.

WARNING
TO AVOID ELECTRICAL SHOCK, REMOVE BATTERIES BEFORE REPLACING BATTERIES OR OPENING CASE.
AVERTISSEMENT
POUR ÉVITER UN CHOC ÉLECTRIQUE, IL EST NÉCESSAIRE DE RETIRER LES BATTERIES AVANT DE REMPLACER LES BATTERIES OU D'OUVRIR LA CASE.
BATTERY: 3x AAA 1.5V
BATTERIE: 3x AAA 1.5V
CE, UL, IEC, NIST, METROLOGICAL, LISTED, IDEAL INDUSTRIES, INC.

CAT IV 600V **CAT III 1000V** **UL US LISTED**

1.800.561.8187

www.itm.com

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CLAMP METERS

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CLAMP METER SELECTION GUIDE				
	61-775	61-765	61-757	61-747
FEATURES				
CAT Rating (Safety)	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V
Listing	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM
Drop Protection			6.6 ft. (2m)	6.6 ft. (2m)
Clamp/Jaw Opening	2.0 in. (50.8mm)	1.5 in. (38mm)	1.4 in. (35.5mm)	1.4 in. (35.5mm)
AC Voltage (Volts)	750V	750V	600V	600V
DC Voltage (Volts)	750V	750V	1000V	600V
AC Current (Amps)	1000A	660A	600A	400A
DC Current (Amps)	1000A	660A	600A	400A
Ohms (Resistance)	999.9Ω	999.9Ω	60MΩ	40MΩ
AC Millivolts	—	—	6000	4000
DC Millivolts	—	—	6000	4000
True RMS	✓	✓	✓	✓
High Voltage Alarm	✓	✓	ACV/DCV >30V	ACV/DCV >30V
Audible Continuity	✓	✓	✓	✓
Visual Continuity	✓	✓	✓	✓
Backlight	✓	✓	✓	✓
Temperature	—	—	-40°F ~ 1832°F -40°C ~ 1000°C	-40°F ~ 1832°F -40°C ~ 1000°C
Low Impedance (LoZ)	—	—	✓	—
NCV	—	—	40-600V	40-600V
Auto Ranging	✓	✓	✓	✓
Range Hold	—	—	✓	✓
Data Hold	✓	✓	✓	✓
Relative	✓	✓	✓	✓
Diode Test	—	—	✓	✓
Capacitance Test	✓	✓	6.000mF	4.000mF
Frequency / Duty Cycle	✓	✓	10Hz-9.999KHz	10Hz-9.999KHz
Max / Min	✓	✓	✓	✓
Magnetic Strap Mount	—	—	✓	✓
Test Probe Holder	—	—	✓	✓
Flashlight	—	—	✓	✓
Auto-Power Off (APO)	✓	✓	✓	✓
APO Disable	✓	✓	✓	✓
Low Battery Indication	✓	✓	✓	✓
Battery Type (Included)	1 x 9 Volt	1 x 9 Volt	3 x 1.5V AAA	3 x 1.5V AAA
Bottom LCD Display	✓	✓	✓	✓
LCD Display Count	9999	9999	6000	4000
Warranty	2-Year*	2-Year*	2-Year*	2-Year*
ACCESSORIES				
Leads & Alligator Clips (Included)	TL-757	TL-757	TL-757	TL-757

FORK METER FEATURES



Non-Contact Voltage Indication
Built in Clamp Tip



0.75 in. (19mm) Jaw Opening



Flashlight/Backlight



Probe Storage & Lead Holders
(on back)



Delta Δ
(difference from reference)



Max./Min.

61-415



Patented TightSight™ Backlit Display eliminates need to bend or twist conductors or place your head near or in the panel and allows you to easily read the bottom display when taking measurements



CLAMP METERS

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CLAMP METER SELECTION GUIDE			
	61-744	61-737	61-415
FEATURES			
CAT Rating (Safety)	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 1000V
Listing	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM
Drop Protection		3.3 ft. (1m)	6.6 ft. (2m)
Clamp/Jaw Opening	1.45 in. (36.5mm)	1.4 in. (35.5mm)	0.75 in. (19mm)
AC Voltage (Volts)	600V	600V	1000V
DC Voltage (Volts)	600V	600V	1000V
AC Current (Amps)	600A	400A	200A
DC Current (Amps)	—	—	200A
Ohms (Resistance)	40MΩ	40MΩ	60MΩ
AC Millivolts	—	4000	✓
DC Millivolts	—	4000	✓
True RMS	—	✓	✓
High Voltage Alarm	—	ACV/DCV >30V	ACV/DCV >30V
Audible Continuity	✓	✓	✓
Visual Continuity	—	✓	✓
Backlight	—	✓	✓
Temperature	—	-40°F ~ 1832°F -40°C ~ 1000°C	—
Low Impedance (LoZ)	—	—	—
NCV	70-600V	40-600V	40-600V
Auto Ranging	✓	✓	✓
Range Hold	✓	✓	✓
Data Hold	✓	✓	✓
Relative	—	✓	✓
Diode Test	—	✓	✓
Capacitance Test	—	400.0μF	6.000mF
Frequency / Duty Cycle	—	10Hz~9.999KHz	—
Max / Min	—	✓	✓
Magnetic Strap Mount	—	✓	✓
Test Probe Holder	—	✓	✓
Flashlight	—	—	✓
Auto-Power Off (APO)	✓	✓	✓
APO Disable	—	—	✓
Low Battery Indication	✓	✓	✓
Battery Type (included)	2 x 1.5V AAA	3 x 1.5V AAA	2 x 1.5V AAA
Bottom LCD Display	—	—	✓
LCD Display Count	4000	4000	6000
Warranty	2-Year*	2-Year*	2-Year*
ACCESSORIES			
Leads, Case & Batteries	Leads only	Included	Included
Thermocouple (Included)		TC 757	

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ACCESSORIES



TC-757
Thermocouple



TL-757
Test Leads w/Alligator Clips
For use with: 61-757, 61-747, 61-737, 61-744, 61-775, 61-765, 61-415, 61-405



UMHS-757
Universal Magnetic Hanging Strap
For Use with: 61-757, 61-747, 61-737, 61-415, 61-405



C-770
Nylon Carrying Case
For use with: 61-775



C-757
Nylon Carrying case
For use with: 61-757, 61-747, 61-737, 61-415



C-90
Nylon Carrying Case
For use with: 61-744



C-760
Nylon Carrying Case
For Use with: 61-744

