TEST& MEASUREMENT

Tested Tough. Trusted Safe.





Work Light (CL800 only)

Magnetic Hanger with and without strap 69417 & 69445 (optional)



Backlit LCD Screen

All Clamp Meters Include:

- Test leads with CAT III/CAT IV safety caps
- Thermocouple (Temperature measuring models only)
- 3 x AAA batteries
- User manual

CL900

The **CL900** is an auto-ranging True Root-Mean Squared (TRMS) digital clamp meter that measures 2000A AC/DC current and Inrush current via the clamp, measures AC/DC voltage, resistance, continuity, frequency, capacitance, and diode tests via test leads. It also features Low Impedance (LoZ) mode for identifying and eliminating ghost or stray voltages.

CL800

The **CL800** is an auto-ranging True Root-Mean Squared (TRMS) digital clamp meter that measures AC/DC current via the clamp, measures AC/DC voltage, resistance, continuity, frequency, capacitance, and tests diodes via test leads, and temperature via a thermocouple probe. It also features a Low Impedance (LoZ) mode for identifying and eliminating ghost or stray voltages.

CL700

The **CL700** is an auto-ranging True Root-Mean Squared (TRMS) digital clamp meter that measures AC current via the clamp, and measures AC/DC voltage, resistance, continuity, frequency, capacitance, and tests diodes via test leads, and temperature via a thermocouple probe. It also features a Low Impedance (LoZ) mode for identifying and eliminating ghost or stray voltages.

CL600

The **CL600** is an auto-ranging True Root-Mean Squared (TRMS) digital clamp meter that measures AC current via the clamp, and measures AC/DC voltage, resistance, continuity, and tests diodes via test leads.







CL390

The **CL390** is an AC/DC auto-ranging True Root-Mean Squared (TRMS) digital clamp meter with temperature that measures 400A AC/DC current via the clamp; NCV with the sensor; AC/DC voltage, DC micro amps, resistance, capacitance, frequency, duty cycle, diode test, and continuity via test leads; temperature via a thermocouple; and a high-visibility reverse contrast display.

CL320

The **CL320** is an HVAC auto-ranging True Root-Mean Squared (TRMS) digital clamp meter that measures 400A AC current via the clamp; NCV with the sensor; AC/ DC voltage, DC micro amps, resistance, capacitance, frequency, duty cycle, diode test, and continuity via test leads; and temperature via a thermocouple.

CL220

The **CL220** is an auto-ranging True Root-Mean Squared (TRMS) digital clamp meter that measures 400A AC current via the clamp; NCV with the sensor; AC/DC voltage, resistance, and continuity via test leads; and temperature via a thermocouple.

CL120

The **CL120** is an auto-ranging digital clamp meter that measures 400A AC via the clamp; NCV with the sensor; AC/DC voltage, resistance, and continuity via test leads.

Best Sellers in a Convenient Value Kit

CL120KIT Electrical Test Kit. Includes CL120 Clamp Meter, RT210 GFCI Receptacle Tester, 69409 Line Splitter

10x, nylon carrying pouch, test leads and batteries.





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FEAT	JRES	CL390	CL320	CL220	CL120
N/2	Drop Protection	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)
Ē	Ingress Protection	-	-	_	-
	Electrical Safety	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V
ν	AC Voltage (Volts)	600V	600V	600V	600V
V	DC Voltage (Volts)	600V	600V	600V	600V
Ĩ¥+V	AC + DC Voltage	-	-	_	-
Ã	AC Current (Amps)	400A	400A	400A	400A
Ā	DC Current (Amps)	400A	-	_	-
Ω	Ohms (Resistance)	40MΩ	40MΩ	20M Ω	20ΜΩ
тV	AC Millivolts	•	-	•	•
mV	DC Millivolts	•		•	•
μÄ	DC Microamps	•		_	-
TRMS	True RMS	•		•	-
•)))	Audible Continuity	•		•	•
- \	Backlight	Reverse Contrast Display		•	•
°F ℃	Temperature	-40° – 1832°F (-40° – 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-
° F °C T2-T1	Differential Temperature	-	-	-	-
T-CRL	Digital Temperature Calibration	-	-	-	-
LOW Z	Low Impedance	-	-	-	-
LPF	Low-Pass Filter	-	-	-	-
NÃ	Inrush Current	-	-	_	-
NCV	Non-Contact Voltage Testing	•		•	•
AUTO	Auto Ranging	•		•	•
RANGE	Range Hold	•		•	•
HOLD	Data Hold	•		•	•
\blacksquare	Diode Test	•		_	-
46	Capacitance Test	4000 µF	4000 µF	_	-
Hz %	Frequency / Duty Cycle	10Hz – 60kHz	10Hz – 60kHz	_	-
MAX/ Min	Max / Min	•		MAX only	MAX only
$\overline{\Delta}$	Relative Mode	•	-	_	-
	Magnet Mount	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory
	Worklight	-	-	- -	-
APO	Auto-Power Off	•		•	•
8888 100	LCD Display Count	4000	4000	2000	2000
1.11	tions subject to chang				2000

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8888	8888		

FEATURES		CL900	CL800	CL700	CL600	CL450	CL390	CL320	CL220	CL120
N.	Drop Protection	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)
::::::::::::::::::::::::::::::::::::::	Ingress Protection	IP40	IP40	IP40	IP40	-	-	-	-	-
	Electrical Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V
ν	AC Voltage (Volts)	1000V	1000V	1000V	1000V	1000V	600V	600V	600V	600V
Ī	DC Voltage (Volts)	1000V	1000V	1000V	1000V	1000V	600V	600V	600V	600V
ĩ₩	AC + DC Voltage	-	-	-	-	•	-	-	-	-
Ã	AC Current (Amps)	2000A	600A	600A	600A	600A	400A	400A	400A	400A
Ä	DC Current (Amps)	2000A	600A	-	-	-	400A	-	-	-
Ω	Ohms (Resistance)	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ	40MΩ	40MΩ	20MΩ	20MΩ
mV	AC Millivolts	-		-	-	-		-		•
mV	DC Millivolts	•		•		•		•		•
μÄ	DC Microamps	-	-	-	-	•		•	-	-
TRMS	True RMS	•		•		•		•		-
•)))	Audible Continuity	•		•		•		•		•
- * -	Backlight	•		•		•	Reverse Contrast Display	•		•
°F ℃	Temperature	-	-14° – 1000°F (-26° – 538°C)	-14° – 1000°F (-26° – 538°C)	-	-40° – 1832°F	-40° – 1832°F	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-
° F °C T2-T1	Differential Temperature	-	-	-	-	•	-	-	-	-
T-CRL	Digital Temperature Calibration	-	-	-	-	•	-	-	-	-
LOW Z	Low Impedance	•		•	-	•	-	-	-	-
LPF	Low-Pass Filter	-	-	-	-	•	-	-	-	-
ŅÃ	Inrush Current	2000A	-	-	-	600A	-	-	-	-
NCV	Non-Contact Voltage Testing	•		•		•		•		•
AUTO	Auto Ranging	•		•		•		•		•
RANGE	Range Hold	•		•		•		•		•
HOLD	Data Hold	•		•		•		•		•
	Diode Test	•		•		•		•	-	-
H	Capacitance Test	6000 μF	6000 µF	6000 μF	-	6000 µF	4000 µF	4000 µF	-	-
Hz %	Frequency / Duty Cycle	1Hz – 500kHz	1Hz – 500kHz	1Hz – 500kHz	-	10Hz – 1MHz	10Hz – 60kHz	10Hz – 60kHz	-	-
MAX/ Min	Max / Min	•		•		•		•	MAX only	MAX only
Δ	Relative Mode	-	-	-	-	•		-	-	-
	Magnet Mount	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory
	Worklight	-	•	-	-	-	-	-	-	-
AP0	Auto-Power Off	•		•		•		•		•
8888 LCD	LCD Display Count	6000	6000	6000	6000	6000	4000	4000	2000	2000
Spacific	ations subject to change.		11/1/10	1.110 110.10	1.1.1.1.			11.11.11		

Specifications subject to change.



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FEAT	URES	MM700	MM600	MM400	MM300
Ne	Drop Protection	6.6' (2 m)	6.6' (2 m)	3.3' (1 m)	3.3' (1 m)
350	Ingress Protection	IP42	IP42	-	-
	Electrical Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V	CAT III 600V
ν	AC Voltage (Volts)	1000V	1000V	600V	600V
v	DC Voltage (Volts)	1000V	1000V	600V	600V
Ã	AC Current (Amps)	10A	10A	10A	-
Ā	DC Current (Amps)	10A	10A	10A	10A
Ω	Ohms (Resistance)	40ΜΩ	40ΜΩ	40ΜΩ	2ΜΩ
mV	DC Millivolts	•		•	•
mĂ	AC Milliamps	•		•	-
mĀ	DC Milliamps	•		•	•
μĂ	AC Microamps	•		•	-
μÄ	DC Microamps	•		•	•
TRMS	True RMS	•	-	-	-
•)))	Audible Continuity	•		•	•
`∳ -	Backlight	•		•	-
°F°C	Temperature	0° – 1500°F (-18° – 816°C)	0° – 1000°F (-18° – 538°C)	0° – 1000°F (-18° – 538°C)	-
LOW Z	Low Impedance	•	-	_	-
AUTO	Auto Ranging	•		•	-
RANGE	Range Hold	•		•	-
HOLD	Data Hold	•		•	•
	Diode Test	•		•	•
H	Capacitance Test	4000 μF	1000 µF	200 µF	-
Hz %	Frequency / Duty Cycle	1Hz – 500 KHz	1Hz – 500 KHz	1Hz – 50 KHz	-
MAX/ Min	Max / Min	•		•	-
LERd	Lead Warning	•		-	-
hint	Bar Graph	•	-	-	-
	Magnetic Mount	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory
APO	Auto-Power Off	•		•	-
TEST	Battery Test	-	-	_	•
8888 LCD	LCD Display Count	4000	4000	4000	2000
Snecific	ations subject to chai	nae			

Specifications subject to change.



Meter shown actual size.

MM700

The **MM700** is an auto-ranging True Root-Mean-Squared (TRMS) digital multimeter that measures AC/DC voltage, AC/DC current, and resistance. It also measures temperature, capacitance, frequency, dutycycle, and tests diodes and continuity.

MM600

The **MM600** is an auto-ranging digital multimeter that measures AC/DC voltage, AC/DC current, and resistance. It also measures temperature, capacitance, frequency, duty-cycle, and tests diodes and continuity.

MM400

The **MM400** is an auto-ranging digital multimeter that measures AC/DC voltage, AC/DC current, and resistance. It also measures temperature, capacitance, frequency, duty-cycle, and tests diodes and continuity.

MM300

The **MM300** is a manual-ranging digital multimeter that measures AC/DC voltage, DC current, and resistance. It also tests diodes and continuity, and has a battery test mode.



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FFAT	URES	MM700	MM600	MM400	MM300
×/.	Drop Protection	6.6' (2 m)	6.6' (2 m)	3.3' (1 m)	3.3' (1 m)
	Ingress Protection	IP42	IP42	_	-
	Electrical Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V	CAT III 600V
ĩ	AC Voltage (Volts)	1000V	1000V	600V	600V
Ī	DC Voltage (Volts)	1000V	1000V	600V	600V
Ã	AC Current (Amps)	10A	10A	10A	-
Ā	DC Current (Amps)	10A	10A	10A	10A
Ω	Ohms (Resistance)	40MΩ	40MΩ	40MΩ	2 ΜΩ
mV	DC Millivolts	•		•	
mĂ	AC Milliamps	•		•	-
mĀ	DC Milliamps	•		•	
μĂ	AC Microamps	•		•	-
μÄ	DC Microamps	•		•	
TRMS	True RMS	•		_	-
•))	Audible Continuity	•		•	
-¥-	Backlight	•		•	-
°F °C	Temperature	0° – 1500°F (-18° – 816°C)	0° – 1000°F (-18° – 538°C)	0° – 1000°F (-18° – 538°C)	-
LOW Z	Low Impedance	•	-	-	-
AUTO	Auto Ranging	•		•	-
RANGE	Range Hold	•		•	-
HOLD	Data Hold	•		•	
	Diode Test	•		•	
-16	Capacitance Test	4000 μF	1000 μF	200 µF	-
Hz %	Frequency / Duty Cycle	1Hz – 500 KHz	1Hz – 500 KHz	1Hz – 50 KHz	-
MAX/ Min	Max / Min	•		•	-
LERd	Lead Warning	•		-	-
luul	Bar Graph	•	-	-	-
Ę	Magnetic Mount	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory
APO	Auto-Power Off	•		•	-
TEST	Battery Test	-	-	_	
8888 LCD	LCD Display Count	4000	4000	4000	6000

Specifications subject to change.

NCVT-1

NCVT-1 detects 50-1000V AC. Detect AC voltage in cables, cords, circuit breakers, lighting fixtures, switches, outlets and wires.

NCVT-2P

NCVT-2P is a dual range non-contact voltage tester. It can be set to detect voltage from 70 to 1000V AV (in Range 2) or 12 to 1000V AC (in Range 2). Updated screw-cap battery compartment, heavy-duty pocket clip, and recessed buttons increase product durability. Enhanced LED interface makes the product easy-to-understand; light indicator clearly marks range being used for testing.

NCVT-3P

NCVT-3P is a dual range non-contact voltage tester with an integrated flashlight. The NCVT can be set to detect voltage from 70 to 1000V AV (in Range 2) or 12 to 1000V AC (in Range 2). Enhanced LED interface makes the product easy-to-understand; light indicator clearly marks range being used for testing. The flashlight can be used simultaneously with, or independent of, the voltage function.

NCVT-4IR

NCVT-4IR detects 12-1000V AC. Designed specifically for HVAC applications. This 4:1 distance-tospot ratio IR thermometer measures from -22 to 482° F (-30 to 250° C). Use convenient laser pointer to target measurement area for temperature measurement.

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NCVT-5A

NCVT-5A is a dual range non-contact voltage tester with an integrated laser pointer. The NCVT can be set to detect voltage from 70 to 1000V AV (in Range 1) or 12 to 1000V AC (in Range 2). Bright integrated laser pointer identifies objects of interest at distance on the jobsite.

NCVT-6

NCVT-6 detects 12-1000V AC. Incorporates a 66-Foot (20 m) Laser Distance Meter that can measure in meters, inches with decimals, inches with fractions, feet with decimals, or feet with fractions. The laser distance meter functions independently from the NCVT with a simple-to-use intuitive interface.

NCVT-3P



Specifications subject to change.





RT110 & RT210

RT110 & RT210 Receptacle Testers are designed to detect the most common wiring problems in standard and receptacles. A convenient chart on the testers help determine wiring condition in outlet, based on LED light pattern. Conditions indicated: Open Ground, Hot/Neutral Reverse, Open Hot, Open Neutral, Hot/Ground Reversed. For use with North American 3-wire 120V electrical outlets. RT210 works on standard and GFCI receptacles.





RT250

RT250 GFCI Receptacle Tester with LCD is an electrical receptacle tester that tests the wiring conditions at an electrical outlet and inspects GFCI devices. The large LCD displays the voltage, clearly identifies the wiring fault, and the time required to trip a GFCI device. Conditions indicated: Wired Correctly, Open Ground, Open Neutral, Open Hot, Dual Open Neutral & Ground (Patent Pending), Reversed Hot/Ground, Reversed Hot/Neutral. Bright green and red LEDs illuminate for visual indicators. For use with North American 3-wire 120V electrical outlets.





ET310

ET310 Digital Circuit Breaker Finder with Integrated GFCI Outlet Tester is a digital circuit breaker finder used to locate the correct circuit breaker in a panel to which an electrical outlet or fixture is connected. The Transmitter is connected to the electrical outlet or fixture in the circuit while the receiver is used to scan the breakers in the breaker panel. Visual and audible indications clearly identify correct breaker. The Transmitter includes an integrated GFCI outlet tester to inspect the wiring condition at the electrical outlet and test GFCI devices. Transmitter may be docked in the receiver for convenient storage.







Test Lead Set, Right Angle Standard banana-type

inputs compatible with most multimeters and clamp meters. Includes alligator clips





Magnetic Hanger without Strap Powerful rare-earth magnet; fits all newer meters





Line Splitter 10x Measure current up to 15A without splitting the power cord



Magnetic Hanger with Strap

Powerful rare-earth magnet; durable nylon weave strap; fits all newer meters



Cat. No.	UPC# 0-92644+	Description		
DIGITAL CLAM	P METERS			
CL900	69235-2	Auto-Ranging, TRMS, 2000A AC/DC, Low Impedance		
CL800	69016-7	Auto-Ranging, TRMS, 600A AC/DC, Low Impedance, Temp		
CL700	69015-0	Auto-Ranging, TRMS, 600A AC, Low Impedance, Temp		
CL600	69014-3	Auto-Ranging, TRMS, 600A AC		
CL390	69287-1	Auto-Ranging, TRMS, 400A AC/DC, Reverse Contrast Display, Temp		
CL320	69286-4	Auto-Ranging, TRMS, 400A AC, DC Microamps, Temp		
CL220	69285-7	Auto-Ranging, TRMS, 400A AC, Temp		
CL120	69283-3	Auto-Ranging, 400A AC		
CL120KIT	69284-0	CL120 Clamp Meter, Line Splitter, and GFCI Receptacle Tester		
DIGITAL MULT	IMETERS			
MM700	69023-5	Auto-Ranging, TRMS, 1000V AC/DC, Low Impedance, Temp		
MM600	69022-8	Auto-Ranging, 1000V AC/DC, Temp		
MM400	69021-1	Auto-Ranging, 600V AC/DC, Temp		
MM300	69019-8	Manual-Ranging, 600V AC/DC Voltage, Battery Test		
NON-CONTACT	VOLTAGE TESTERS			
NCVT-1	69000-6	50-1000V AC		
NCVT-2P	69232-1	Dual Range 12-1000V AC and 70-1000V AC		
NCVT-3P	69323-6	Dual Range 12-1000V AC and 70-1000V AC with Flashlight		
NCVT-4IR	69061-7	12-1000V AC with Infrared Thermometer		
NCVT-5A	69294-9	Dual Range 12-1000V AC and 70-1000V AC with Laser Pointer		
NCVT-6	69225-3	12-1000V AC with Laser Distance Meter		
ELECTRICAL T	ESTERS			
ET310	69240-6	Digital Circuit Breaker Finder with GFCI Outlet Tester		
RT110	69026-6	Receptacle Tester		
RT210	69027-3	GFCI Receptacle Tester		
RT250	69321-2	GFCI Receptacle Tester with LCD		
ACCESSORIES	AND REPLACEMENT P	ARTS		
69409	69409-7	Line Splitter 10x		
69410	69410-3	Test Lead Set, Right Angle		
69417	69417-2	Magnetic Hanger with Strap		
69445	69288-8	Magnetic Hanger without Strap		

 \triangle Visit www.kleintools.com for warnings and instructions.

See our complete line of Test & Measurement Products

Thermal Imagers • Infrared Thermometers • Pocket Thermometers • Borescopes Gas Detectors • Light Meters • Moisture Meters • USB Digital Meters

www.kleintools.com

