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CL490 DUAL DISPLAY CLAMP METER

KLEIN TOOLS

Catalog Number	CL490
Manufacturer	KLEIN TOOLS
Description	Klein Tools CL490 Dual Display Clamp Meter is auto-ranging for precise measurements with a secondary display for easier viewing in tight spaces. The meter reads AC/DC current, voltage, resistance, continuity,frequency, and capacitance all with True RMS accuracy. It features diode testing and temperature is taken, via thermocouple. There is NCV detection with audio-visual alerts for additional functional applications. To ensure visibility in any lighting, there is a backlit and hi-vis display.
Weight per unit	1.4 (lbs/each)
Product Category	Tools & Testers

Features

Accuracy	± (% of Reading + # of Least Significant Digits) Refer to Manual for Accuracy Depending on Active Function Selection Values Stated at 65° to 83°F (18° to 28°C)
Capacitance	4000µF
Material	ABS/Electronics
Overall Height	8.46" (21.5 cm)
Overall Width	1.5" (3.8 cm)
Temperature Range	-40° to 1832°F (-40° to 1000°C)
Voltage	600V AC/DC
Ac Voltage	600V
Auto Ranging	Yes
Auto-Power Off	Yes
Battery Life	—
Display	4000 Count Backlit, Hi-Viz
Functions	TRMS, AC/DC Current, NCVT, AC/DC Voltage, Resistance, DC microamp, Frequency, Capacitance, Continuity, Duty Cycle, Diode Test, and Temperature
Included	Clamp Meter; Carrying Case; Instructions; Test Leads; Thermocouple; 2 x AA Batteries

Dimensions and Weight

Overall Length	3.54" (9 cm)

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Descriptions

Description	DUAL DISPLAY CLAMP METER
Long Description	Klein Tools CL490 Dual Display Clamp Meter is auto-ranging for precise measurements with a secondary display for easier viewing in tight spaces. The meter reads AC/DC current, voltage, resistance, continuity,frequency, and capacitance all with True RMS accuracy. It features diode testing and temperature is taken, via thermocouple. There is NCV detection with audio-visual alerts for additional functional applications. To ensure visibility in any lighting, there is a backlit and hi-vis display.
Product Type	Dual Display Clamp Meter
Special Features	Bottom Display; Automatically Ranging; TRMS Measurement; AC/DC Current Measurement; High Visibility Reverse Contrast LCD; NCVT
Extra Long Description	KLE CL490 Dual Display Clamp Meter

Manufacturer Information

Brand	Klein Tools
GTIN	00092644694271
Manufacturers Part Number	CL490
UPC	783523

Taxonomies, Classifications, and Categories

Category Description	TEST EQUIPMENT, TESTERS AND MULTIMETERS
Type	Dual Screen AC/DC Current TRMS Clamp

Packaging

Carton	1
Package	6
Weight	12.20 oz (346 g) Including Batteries
Weight Per Each	1.4 (lbs/each)

Uses, Certifications, and Standards

Application	Measures AC/DC Current and NCVT via the Clamp and AC/DC voltage, DC Microamp Current, Resistance, Continuity, Frequency, Duty-Cycle, Capacitance and Tests Diodes via the Test Leads, and Temperature with Thermocouple
Standard	CATIII 600V, Class 2, Double Insulation Safety Rating IEC EN 61010-1, 61010-2-032. IEC EN 61326-1, 61326-2-2.Conforms to UL STD.61010-1, 61010-2-032;Certified to CSA STD.C22.2 NO. 61010-1, 61010-2-032

400A AC/DC AUTO-RANGING TRMS
DUAL DISPLAY CLAMP METER

Dual display for easier readability in tight spaces





400A AC/DC AUTO-RANGING TRMS DUAL DISPLAY CLAMP METER

Klein Tools CL490 Dual Display Clamp Meter is auto-ranging for precise measurements with a secondary display for easier viewing in tight spaces. The meter reads AC/DC current, voltage, resistance, continuity, frequency, and capacitance; all with True RMS accuracy. It features diode testing and temperature is taken via thermocouple. There is NCV detection with audio-visual alerts for additional functional applications. To ensure visibility in any lighting, there is a backlit and hi-vis display. The CL490 Clamp Meter comes with a storage case, test leads, thermocouple and (2) AA batteries.





Measurement		CL490
AC/DC Voltage		600V
AC/DC Current		400A
Resistance		40MΩ
AC/DC Millivolts		●
True RMS		●
DC Microamps		●
Non-Contact Voltage Testing		●
Audible Continuity		●
Temperature		-40° – 1832°F (-40° – 1000°C)
Auto-Ranging		●
Range Hold		●
Data Hold		●
Diode Test		●
Capacitance Test		4000 μF
Frequency/Duty Cycle		●
LCD Display Count		4000
CONVENIENCE		
Backlight Brightness		●
Max/Min Value		●
Rel/Zero		●
Auto Power-Off*		●
Low Battery Indicator		●
Magnetic Hanger		Available As Accessory
Lead Holder on Clamp		●
DURABILITY		
Drop Protection		6.6 ft. (2 m)
Safety Rating		CAT III 600V

Specifications are subject to change

*Option to disable with power up. Refer to manual for instructions.

Cat. No.	UPC# 0-92644+	Description	Height	Length	Width	Weight
CL490	69427-1	400A AC/DC Auto-Ranging TRMS Dual Display Clamp Meter	8.46" (215 mm)	3.54" (90 mm)	1.5" (38 mm)	12.20 oz. (346 g) including batteries
69409	69409-7	Line Splitter 10x				
69417	69417-2	Rare-Earth Magnetic Hanger, with Strap		Compatible Accessories		
69445	69288-8	Rare-Earth Magnetic Hanger, no Strap				

⚠ Visit www.kleintools.com for warnings and instructions.

See our complete line of Clamp Meters
www.kleintools.com

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Lincolnshire, IL 60069
CL490 Rev. 05/25 A