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CL220 DIGITAL CLAMP METER AC AUTO-RANGING 400AMP W/ TEMP

KLEIN TOOLS

Catalog Number	CL220
Manufacturer	KLEIN TOOLS
Description	The CL220 measures AC current and NCVT via clamp and AC/DC voltage, resistance, and continuity via test-leads, and temperature with thermocouple. The meter features automatically ranging True Root Mean Squared (TRMS) measurement technology for accuracy. Additionally, a backlit LCD makes viewing in low light easy.
Weight per unit	0.6130 (lbs/each)
Product Category	Tools & Testers

Features

Capacitance	—
Material	ABS/Electronics
Overall Height	1.5" (3.8 cm)
Overall Width	3.5" (8.9 cm)
Temperature Range	-40° - 1832°F (-40° - 1000°C)
Voltage	600 V AC/DC
Ac Voltage	600 V
Auto-Power Off	Yes
Display	2000 Count Backlit LCD
Functions	TRMS, AC Current, NCVT, AC/DC Voltage, Resistance, Continuity and Temperature
Included	Digital Clamp Meter; Carrying Case; Instructions; Test Leads; Thermocouple; Batteries
Media	Yes

Dimensions and Weight

Overall Length	8.45" (21.5 cm)

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Descriptions

Description	DIGITAL CLAMP METER AC AUTO-RANGING 400AMP W/ TEMP
Features	The CL220 measures AC current and NCVT via clamp and AC/DC voltage, resistance, and continuity via test-leads, and temperature with thermocouple. The meter features automatically ranging True Root Mean Squared (TRMS) measurement technology for accuracy. Additionally, a backlit LCD makes viewing in low light easy.
Long Description	The CL220 measures AC current and NCVT via clamp and AC/DC voltage, resistance, and continuity via test-leads, and temperature with thermocouple. The meter features automatically ranging True Root Mean Squared (TRMS) measurement technology for accuracy. Additionally, a backlit LCD makes viewing in low light easy.
Product Type	Digital Clamp Meter With Temp
Special Features	Automatically Ranging True Root Mean Squared (TRMS) Measurement Technology for Accuracy; NCVT; Added Temperature
Extra Long Description	KLE CL220 Digital Clamp Meter with

Manufacturer Information

Brand	Klein Tools
GTIN	00092644692857
Manufacturers Part Number	CL220
UPC	783523

Taxonomies, Classifications, and Categories

Category Description	TEST EQUIPMENT, TESTERS AND MULTIMETERS
Type	Auto Ranging TRMS Clamp with Temperature

Packaging

Carton	1
Weight	11 oz (314 g)
Weight Per Each	0.6130 (lbs/each)

Uses, Certifications, and Standards

Application	Measures AC Current and NCVT via Clamp and AC/DC Voltage, Resistance, and Continuity via Test-leads, and Temperature with Thermocouple
Standard	CATIII 600V, Class 2, Double Insulation Safety Rating, CE Certified

KLEIN TOOLS

DIGITAL CLAMP METERS



FEATURES	CL120	CL220	CL320	CL390	CL460S	CL490	CL445	CL710	CL810	CL900	CL910
Drop Protection	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)
Ingress Protection	-	-	-	-	-	-	-	IP40	IP40	IP40	IP40
Safety	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 750V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 2000V
AC Voltage (Volts)	600V	600V	600V	600V	600V	600V	750V	1000V	1000V	1000V	2000V
DC Voltage (Volts)	600V	600V	600V	600V	600V	600V	600V	1000V	1000V	1000V	2000V
AC Current (Amps)	400A	400A	400A	400A	400A	400A	600A	600A	600A	2000A	2000A
DC Current (Amps)	-	-	-	400A	400A	400A	-	600A	600A	2000A	2000A
Ohms (Resistance)	20MΩ	20MΩ	40MΩ	40MΩ	40MΩ	40MΩ	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ
AC Millivolts	●	●	●	●	●	●	●	●	●	-	●
DC Millivolts	●	●	●	●	●	●	●	●	●	●	●
DC Microamps	-	-	200µA	2000µA	400µA	200µA	600µA	-	200µA	-	200µA
True RMS	-	●	●	●	●	●	●	●	●	●	●
Audible Continuity	●	●	●	●	●	●	●	●	●	●	●
LCD Backlight	●	●	●	Backlit Hi-Vis Reverse Contrast (FFSTN)	Backlit Hi-Vis Reverse Contrast (FFSTN)	Backlit Dual Hi-Vis Reverse Contrast	●	Backlit Hi-Vis Reverse Contrast (FFSTN)	Backlit Hi-Vis Reverse Contrast (FFSTN)	●	Backlit Hi-Vis Reverse Contrast (FFSTN)
Lighted Dial	-	-	-	-	-	-	-	●	●	-	●
Temperature	-	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-148° - 1832°F (-100° - 1000°C)	-	-40° - 1832°F (-40° - 1000°C)	-	-14° - 1000°F (-26° - 538°C)
Inrush Current	-	-	-	-	-	-	600A	-	600A	2000A	2000A
Non-Contact Voltage Testing	●	●	●	●	●	●	●	●	●	●	●
Auto Ranging	●	●	●	●	●	●	●	●	●	●	●
Range Hold	●	●	●	●	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	●	●	●	●	●
Diode Test	-	-	●	●	●	●	●	●	●	●	●
Capacitance Test	-	-	4000µF	4000µF	4000µF	4000µF	6000µF	6000µF	6000µF	6000µF	6000µF
Frequency / Duty Cycle	-	-	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)
Max / Min	Max Only	Max Only	●	●	●	●	●	●	●	●	●
Relative/Zero	-	-	-	●	●	●	-	●	●	●	●
Magnet	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	Available As Accessory	Available As Accessory
Worklight	-	-	-	-	-	-	●	-	●	-	●
Lead Holder	●	●	●	●	●	●	●	●	●	●	●
Auto-Power Off	●	●	●	●	●	●	●	●	●	●	●
Low Battery Indicator	●	●	●	●	●	●	●	●	●	●	●
LCD Display Count	2000	2000	4000	4000	4000	4000	6000	6000	6000	6000	6000
Batteries	3 x AAA	3 x AAA	3 x AAA	3 x AAA	3 x AAA	2 x AA	3 x AAA	3 x AAA	3 x AAA	2 x AAA	2xAA
Case Included	●	●	●	●	●	●	●	●	●	●	●
Dual Display	-	-	-	-	-	●	-	-	-	-	-
Smart Mode	-	-	-	-	●	-	-	-	-	-	-

Specifications subject to change.

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