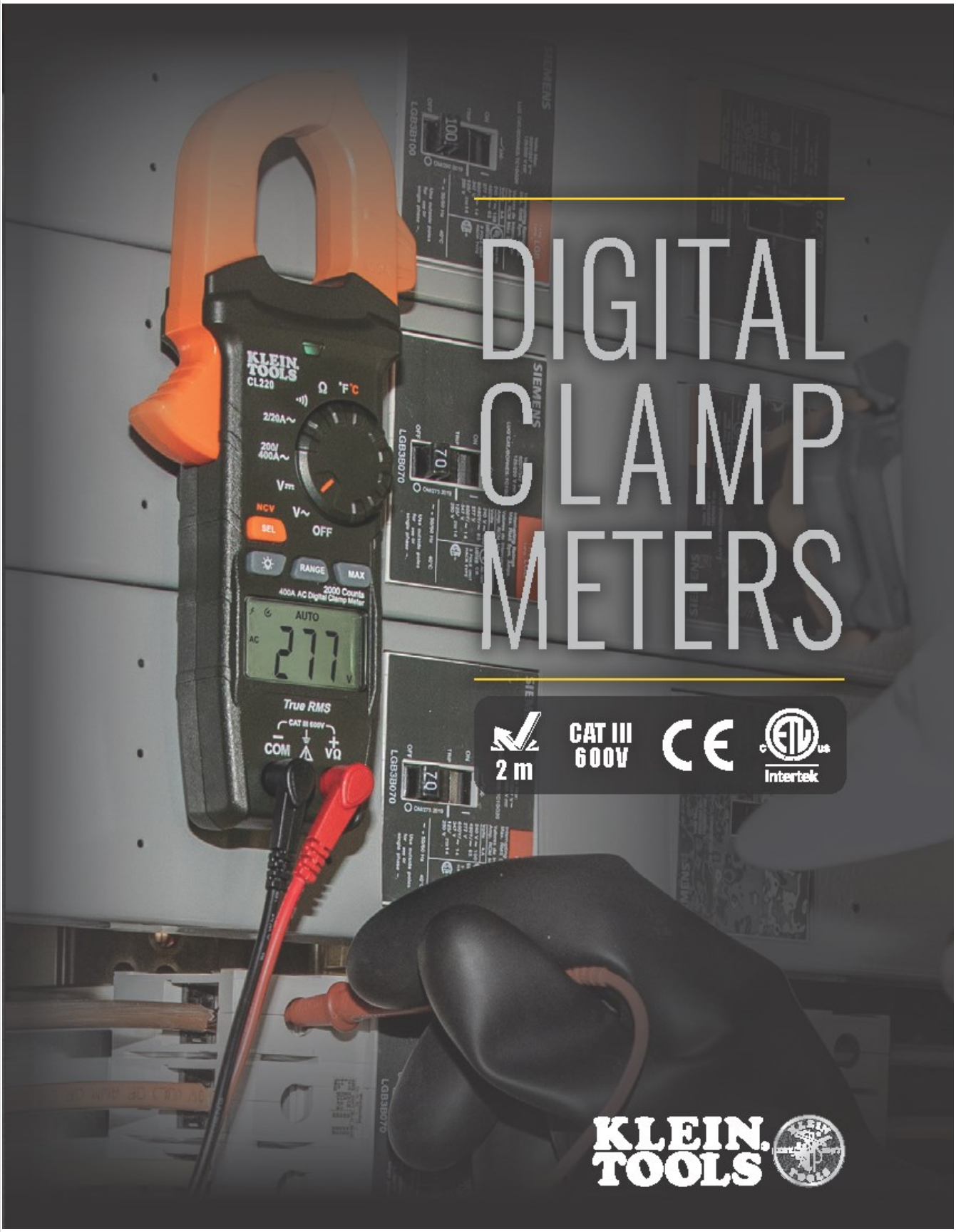
DIGITAL
CLAMP
METERS
KLEIN TOOLS
CL220
2 m
CAT III
600V
CE
Intertek
KLEIN TOOLS

MEASUREMENTS	CL120	CL220	CL320	CL390
True RMS	—	●	●	●
AC Voltage	600V	600V	600V	600V
DC Voltage	600V	600V	600V	600V
AC Current	400A	400A	400A	400A
DC Current	—	—	—	400A
AC Millivolts	●	●	●	●
DC Millivolts	●	●	●	●
DC Microamps	—	—	●	●
Ohms (Resistance)	20MΩ	20MΩ	40MΩ	40MΩ
Audible Continuity	●	●	●	●
Non-Contact Voltage Testing	●	●	●	●
Capacitance	—	—	4000µF	4000µF
Frequency	—	—	1 MHz	1 MHz
Frequency / Duty Cycle	—	—	●	●
Diode Test	—	—	●	●
Temperature °F (°C)	—	-40~1832°F (-40~1000°C)	-40~1832°F (-40~1000°C)	-40~1832°F (-40~1000°C)
Display Counts	2000	2000	4000	4000
CONVENIENCE				
Display	LCD with Backlight	LCD with Backlight	LCD with Backlight	LCD Reverse Contrast
MAX/MIN	MAX	MAX	MAX & MIN	MAX & MIN
Data Hold	●	●	●	●
Low Battery	●	●	●	●
Auto Power Off	15 Min	15 Min	15 Min	15 Min
Magnetic Hanger	Available as an Accessory	Available as an Accessory	Available as an Accessory	Available as an Accessory
Lead Holder on Clamp	●	●	●	●
DURABILITY				
Drop Protection	6.6 ft. (2m)	6.6 ft. (2m)	6.6 ft. (2m)	6.6 ft. (2m)
Safety Rating	Cat III 600V	Cat III 600V	Cat III 600V	Cat III 600V

Specifications Subject to Change

CL120

400A AC CLAMP METER

Digital clamp meter measures AC current via the clamp; NCV with the sensor; AC/DC voltage, resistance, and continuity via test leads.

CL220

400A AC TRMS CLAMP METER WITH TEMPERATURE

Digital clamp meter with True Root-Mean Square (TRMS) measures AC current via the clamp; NCV with the sensor; AC/DC voltage, resistance, and continuity via test leads; and temperature via a thermocouple.

All Clamp Meters Include:

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

CL320

HVAC 400A AC TRMS CLAMP METER WITH TEMPERATURE AND DC MICRO AMP

Digital clamp meter with True Root-Mean Square (TRMS) measures 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.

CL390

400A AC/DC TRMS CLAMP METER WITH TEMPERATURE AND DC MICRO AMP

Digital clamp meter with True Root-Mean Square (TRMS) measures 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; and temperature via a thermocouple.

Meter shown actual size.

NCV Sensing Antenna detects presence of AC voltage

Arrow Markings for optimal wire placement

Test Lead Holder for hands-free operation

NCVT Light for visual alarm of AC voltage

Data HOLD on/off button

Function Selection Switch; functions vary on models

NCV SEL Mode on/off button

High Visibility Display for optimal viewability

Magnetic Hanger Clips onto Meter. Available as accessory.

CLAMP METERS

Cat. No.	UPC# 0-92644-	Description	Length	Width	Depth
CL120	69283-3	400A AC Clamp Meter	8.4" (21.3 cm)	3.5" (8.9 cm)	1.5" (3.8 cm)
CL120KIT	69284-0	Clamp Meter, Line Splitter, GFCI Tester	8.4" (21.3 cm)	3.5" (8.9 cm)	1.5" (3.8 cm)
CL220	69285-7	400A AC TRMS Clamp Meter with Temperature	8.4" (21.3 cm)	3.5" (8.9 cm)	1.5" (3.8 cm)
CL320	69286-4	HVAC 400A AC TRMS Clamp Meter with Temperature and DC Micro Amp	8.4" (21.3 cm)	3.5" (8.9 cm)	1.5" (3.8 cm)
CL390	69287-1	400A AC/DC TRMS Clamp Meter with Temperature and DC Micro Amp	8.4" (21.3 cm)	3.5" (8.9 cm)	1.5" (3.8 cm)

Line Splitter 10x 69409
Allows the measuring of current draw up to 15A without splitting the load's power cord

Test Lead Set, Right Angle 69410
Standard banana-type inputs compatible with most multimeters and clamp meters

Magnetic Hanger with Strap 69417
Powerful rare-earth magnet; durable nylon weave strap; fits all newer clamp meters

GFCI Receptacle Tester RT210
GFCI Outlet Tester with indicator lights, indicates common wiring problems

NEW!
Magnetic Hanger no Strap 69445
Powerful rare-earth magnet; fits all newer clamp meters

ACCESSORIES AND REPLACEMENT PARTS

Cat. No.	UPC# 0-92644-	Description	Length	Width	Depth
69409	69409-7	Line Splitter 10x	4.7" (11.8 cm)	2.3" (5.8 cm)	4.7" (11.8 cm)
69410	69410-3	Test Lead Set, Right Angle	4.1" (10.4 cm)	0.6" (1.5 cm)	1.4" (3.5 cm)
69417	69417-2	Magnetic Hanger with Strap	.5" (1.3 cm)	1" (2.4 cm)	5.6" (14.2 cm)
NEW 69445	69288-8	Magnetic Hanger no Strap	.5" (1.3 cm)	1.3" (3.3 cm)	2.1" (5.3 cm)
RT210	69027-3	GFCI Receptacle Tester	2.9" (7.3 cm)	1.6" (4.1 cm)	1.9" (4.7 cm)

KLEIN TOOLS

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Code	Description
CL120	Klein CL120 400A AC Clamp Meter
CL220	Klein CL220 400A AC TRMS Clamp
CL320	Klein CL320 400A AC HVAC TRMS Clamp
CL390	Klein CL390 400A AC/DC TRMS Clamp