

CL110

400A AC Clamp Meter

The **CL110** is an auto-ranging digital clamp meter that measures AC current via the clamp, and AC/DC voltage, resistance and continuity via test leads.

Includes a nylon carrying pouch, test leads and batteries.

FEATURES	CL110
Durability	
Drop Protection	1 m
Ingress Protection	—
Safety	CAT III 600V
AC Voltage (Volts)	600V
DC Voltage (Volts)	600V
AC Current (Amps)	400A
DC Current (Amps)	—
Ohms (Resistance)	20M Ω
True RMS	—
Audible Continuity	●
Backlight	●
Temperature	—
Non-Contact Voltage Testing	—
Auto Ranging	●
Capacitance Test	—
Frequency / Duty Cycle	—
Worklight	—

Clamp trigger



Function selector switch

LCD display

Function buttons

Test lead input jacks



Included:

- Nylon carrying pouch
- Test leads with CAT III/CAT IV safety caps
- Batteries



Backlit LCD screen

Clamp Meter Specifications

Cat. No.	CAT Rating	Batteries	Jaw Size (mm)	Height (mm)	Width (mm)	Depth (mm)	Weight (g)	Included
CL110	CAT III 600V	2 x AAA	25	220	77	41	280	nylon case, test leads
CL310	CAT III 600V	2 x AAA	25	220	77	41	280	nylon case, test leads, thermocouple
CL700	CAT IV 600V	2 x AAA	32	231	97	39	335	nylon case, test leads, thermocouple
CL800	CAT IV 600V	2 x AAA	32	231	97	39	335	nylon case, test leads, thermocouple
CL2500	CAT IV 600V	2 x AAA	50	205	65	35	386	nylon case, test leads
CL3200	CAT IV 600V	2 x AAA	16	179	65	34	224	nylon case, test leads

⚠ WARNINGS:

To ensure safe operation and service of the tester, follow these instructions. Failure to observe these warnings can result in severe injury or death.

- Before each use, verify meter operation by measuring a known voltage or current.
- Never use the meter on a circuit with voltages that exceed the category based rating of this meter.
- Do not use the meter during electrical storms, or in wet weather.
- Do not use the meter or test leads if they appear to be damaged.
- Ensure meter leads are fully seated, and keep fingers away from the metal probe contacts when making measurements.
- Do not open the meter to replace batteries while the probes are connected.
- Use caution when working with voltages above 60V DC, or 25V AC RMS. Such voltages pose a shock hazard.
- To avoid false readings that can lead to electrical shock, replace batteries if a low battery indicator appears.
- Unless measuring voltage or current, shut off and lock out power before measuring resistance or capacitance.
- Always adhere to local and national safety codes. Use individual protective equipment to prevent shock and arc blast injury where hazardous live conductors are exposed.

Replacement Test Leads

- Standard banana-type inputs compatible with most multimeters and clamp meters
- Leads compatible with and fit lead storage compartments on most Klein meters
- Includes one pair each of universal test leads and alligator clips
- Safety rating: CAT III 1000V / CAT IV 600V

Additional Features for Premium Silicone Test Lead Set

- Silicone insulated for greater performance in temperature extremes -20° to 55°C
- Enhanced strain relief and durability
- Built-in wear indicator on probe wires



Cat. No.	Description	Overall Length (m)	Weight (g)
69410	universal test lead set	1.07	91
69416	premium silicone test lead set	1.22	96

Tradesman PRO™ Soft Case

- Two layers of padding protect even delicate instruments
- Heavy-duty zipper and rugged PVC coated polyester for durability
- Pockets for quick access and organization
- Loop with snap closure to attach to belts, bags and backpacks
- For meters, testers, infrared guns, and small tools



Cat. No.	Width (mm)	Height (mm)	Depth (mm)	Weight (g)
69406	114	235	57	177

Tradesman PRO™ Hard Cases



- Hard shell protects tools, meters, small parts and tech devices
- Soft interior lining
- Durable zipper closure

Cat. No.	Width (mm)	Height (mm)	Depth (mm)	Weight (g)
5184	165	222	57	286
5189	140	260	57	286