

# HVAC CLAMP METER

WITH DIFFERENTIAL TEMPERATURE

# CL450



-40°F - 1832°F  
(-40°C - 1000°C)  
T2 - T1



# KLEIN TOOLS®



1.888.610.7664

 [www.calcert.com](http://www.calcert.com)

[sales@calcert.com](mailto:sales@calcert.com)



# THE GAME CHANGER IS HERE!

The dual-display **CL450 HVAC Clamp Meter** is a game changer for the HVAC professional. This True RMS, CAT IV meter offers DC microamps, differential temperature, digital temperature calibration, inrush current, and many other easy to perform functions for key HVAC applications.



### DC Microamps

- Measures DC current across the flame sensor
- Confirms flame rectification



### Differential Temperature

- Dual display reads T1 and T2 measurements as well as displays the differential temperature
- Used to troubleshoot many HVAC applications



### Inrush Current

- Measures surge when electrical device is started up
- Critical for the installation, diagnostics and maintenance of electrical motors



### Digital Temperature Calibration

- Temperature calibration corrections in field with a push of a button
- No more adjusting the potentiometer with a screwdriver

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Measurement		
AC/DC Voltage		1000V
AC + DC Voltage		•
AC Current		600A
Resistance		60MΩ
DC Millivolts		•
DC Microamps		•
True RMS		•
Non-Contact Voltage Testing		•
Low-Pass Filter		•
Low Impedance		•
Audible Continuity		•
Backlight		•
Differential Temperature		•
Digital Temperature Calibration		•
Auto-Ranging		•
Range Hold		•
Data Hold		•
Diode Test		•
Capacitance Test		•
Frequency/Duty Cycle		•
Max/Min Value		•
Relative Mode		•
Auto Power-Off		•
LCD Display Count		6000
Durability		
Drop Protection		6.6 ft. (2 m)
Safety Rating		CAT IV 600V CAT III 1000V



**Includes:** Carrying Case, Test Leads, (2) K-Type Thermocouples and 3 x AAA batteries.



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### Additional accessories available for this HVAC Clamp Meter



Replacement K-Type Thermocouple  
69435



K-Type Temperature Pipe Clamp with Adapter  
69140



Adapter, K-Type to Banana Plug  
69146



High Temperature K-Type Thermocouple with Adapter  
69142

K-Type Temperature Probe with Adapter and Case  
69144



Magnetic Hanger  
69417

Thermocouples are NOT intended for use on people or animals.



Cat. No.	UPC# 0-92644+	Description	Includes
CL450	69063-1	HVAC Clamp Meter w/ Differential Temperature	Carrying case, test leads, 2 thermocouples, 3 AAA batteries.
Accessories			
Cat. No.	UPC# 0-92644+	Description	Temperature Range
69435	69230-7	Replacement K-Type Thermocouple	-30 to 482° F
69140	69067-9	K-Type Temperature Pipe Clamp w/ Adapter	-4 to 212° F
69142	69068-6	High Temperature K-Type Thermocouple w/ Adapter	32 to 896° F
69144	69069-3	K-Type Temperature Probe w/ Adapter & Case	-58 to 1112° F
69146	69070-9	Adapter, K-Type to Banana Plug	n/a
69417	69417-2	Magnetic Hanger	n/a

**KLEIN TOOLS** EST. 1987

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