



CT-195

MULTI FUNCTION CURRENT CLAMP 700 A

**INCLUDES IMPEDANCE & FREQUENCY
MEASUREMENT, CONTINUITY,
TEMPERATURE AND DIODE TEST**

The **CT-195** current clamp features measurement of AC/DC voltage, AC/DC current, resistance, continuity acoustic indication, diode test, frequency measurement as well as temperature measurement.

Five buttons enable to select functions such as data HOLD, PEAK value hold, storing the measurement displaying the MAX, MIN or current value, relative measurement and manual scale selection.

The meter is supplied by a 9 V battery. Its design and double isolation make the **CT-195** a safe, rugged instrument.



MEASUREMENTS INCLUDED IN THE CURRENT CLAMP CT-195

- ✓ **DC voltage:** Up to 600 V
- ✓ **DC current:** Hasta 700 A
- ✓ **Continuity test:** Acoustic indicator
- ✓ **Impedance:** Up to 43 M Ω
- ✓ **AC voltage:** Up to 600 V (from 50 to 500 Hz)
- ✓ **AC current:** Up to 700 A (from 40 to 500 Hz)
- ✓ **Diode test:** Acoustic indicator
- ✓ **Temperature:** Up to 850 °C (1562 °F)

SPECIFICATIONS

- ✓ **Display:** LCD screen with negative polarity indication
- ✓ **Polarity:** Automatic, with on-screen indication
- ✓ **Reading rate:** 2.5 measurements per second
- ✓ **Power supply:** 9 V battery
- ✓ **Functions:** HOLD, MAX/MIN, AVG, PEAK
- ✓ **Overrange:** On-screen indication
- ✓ **Dimensions:** 250 (W.) x 100 (H.) x 46 (D.) mm

SPECIFICATIONS	CT-195 AC/DC MULTI FUNCTION CURRENT CLAMP, 700 A
Display	Liquid crystal (LCD) 3½ screen, max lecture of 3999.
Display functions	Data HOLD, MAX/MIN hold, AVG (average), PEAK hold
Polarity	Automatic: Positive by default and negative polarity indication
Scale	Manual or automatic, relative measurement available
Overrange	(OL) or (-OL) indication is displayed.
Reading rate	2.5 measurements per second, nominal
DC voltage Resolution and Accuracy Impedancia de entrada Protección de sobrecarga	430 mV, 4.3 V, 43 V, 430 V, 600 V (430 mV only in manual selection) 100 µV, accuracy ±(0,5% reading + 1 digit) >10 MΩ 600 V DC/AC RMS
AC voltage (50-500 Hz) Resolution and Accuracy Input impedance Overload protection	4.3 V, 43 V, 430 V, 600 V 1 mV, accuracy ±(1,2% reading + 4 digits) >10 MΩ 600 V DC/AC RMS
Impedance Accuracy Open circuit voltage Overload protection	430 Ω, 4.3 kΩ, 43 kΩ, 430 kΩ, 4.3 MΩ, 43 MΩ Scale 430 Ω: ±(0,5% reading + 2 digits) Scales 4.3 kΩ / 43 kΩ: ±(0,5% reading + 1 digit) Scale 4.3 MΩ: ±(0,8% reading + 1 digit) Scale 43 MΩ: ±(2% reading + 4 digits) 2.8 V (scale 430 Ω) / 0.7 V (scale 4.3 kΩ) / 0.47 V (scales from 43 kΩ to 43 MΩ) 600 V DC/AC RMS
Frequency Resolution and Accuracy Sensitivity Actual reading Overload protection	430 Hz, 4.3 kHz 0.1 Hz, accuracy ±(1% reading + 3 digits) 1 V RMS mín. 100 - 4300 600 V DC/AC RMS
Continuity Indicación acústica Overload protection	Less than 50 Ω ± 30 Ω 600 V DC/AC RMS
Diode test Corriente de prueba Accuracy Open circuit voltage Acoustic indication Overload protection	1 mA ±0.6 mA ±(10% reading + 3 digits) 3 V DC typ. < 30 mV 600 V DC/AC RMS
DC current Resolution Accuracy Protección de sobrecarga	430 A, 700 A 100 mA ±(1,5% reading + 5 digits) 1200 A DC máx. for 1 minute
AC current (40 to 500 Hz) Resolution Accuracy Overload protection	430 A, 700 A 100 mA From 50 to 60 Hz: ±(1,75% reading + 5 digits) From 40 to 500 Hz: ±(3,5% reading + 5 digits) From 700 to 1000 A: ±(2,5% reading + 5 digits) 1000 A AC max. for 1 minute
Temperature Accuracy	From -20 to 850 °C (from -4 to 1562 °F) Scale °C: ± (0.5 % reading + 3 digits) Scale °F: ± (0.5 % reading + 6 digits)
Power supply	9 V IEC 6F22 battery; on-screen low battery warning and auto power off, 150 h battery operation
Mechanical features	250 (W.) x 100 (H.) x 46 (D.) mm / 380 g, including the battery
Included accessories	Couple of test probes, Temperature probe, Thermocouple isolated K probe, Transport case

Accuracy data referred to these environmental conditions: 23 °C ±5 °C, RH < 75%.