



CT-193

CURRENT CLAMP FOR AC/DC 600 V, 700 A

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



The **CT-193** current clamp features voltage, current and resistance measurement and includes continuity acoustic indication, diode test as well as frequency measurement.

Three buttons enable to select functions such as data HOLD, MAX value and zeroing for DC currents measurement (DCA ZERO).

The meter is supplied by a 9 V battery. Its design and double isolation make the **CT-193** a safe, rugged instrument.

MEASUREMENTS INCLUDED IN THE CURRENT CLAMP CT-193

- ✓ **DC voltage:** Up to 600 V
- ✓ **DC current:** Up to 700 A
- ✓ **Continuity measurement:** Acoustic indicator
- ✓ **Impedance:** Up to 200 k 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

SPECIFICATIONS

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

SPECIFICATIONS	CT-193 CURRENT CLAMP FOR AC/CC 600 V, 700 A
Display	Liquid crystal (LCD) 3½ screen, max lecture of 1999.
Display functions	Data HOLD and MAX (keep the maximum value of the measurement)
Polarity	Automatic: Positive by default and negative polarity indication.
Overrange	(OL) or (-OL) indication is displayed.
Zeroing	Automatic
Reading rate	2.5 measurements per second, nominal.
DC voltage Scale Accuracy Input impedance Overload protection	600 V $\pm(0.5\% \text{ reading} + 1 \text{ digit})$ 10 M Ω 600 V DC/AC RMS
AC current (50-500 Hz) Scales Accuracy Input impedance Overload protection	200 V, 600 V $\pm(1.2\% \text{ reading} + 4 \text{ digits})$ 10 M Ω 600 V DC/AC RMS
Resistencia Scales Accuracy Open circuit voltage Overload protection	2 k Ω , 200 k Ω $\pm(1.2\% \text{ reading} + 1 \text{ dígit})$ 0,3 V DC 600 V DC/AC RMS
Frecuencia (autorrango) Scales Accuracy Sensitivity Overload protection	2 kHz, 20 kHz $\pm(0.1\% \text{ reading} + 3 \text{ digits})$ for any scale 80 V RMS min. 600 V DC/AC RMS
Continuidad Acoustic indication Overload protection	Less than 30 Ω in the k Ω scale 600 V DC/AC RMS
Diode test Test current Accuracy Open circuit voltage Acoustic indication Overload protection	1 mA ± 0.6 mA $\pm(6\% \text{ reading} + 3 \text{ digits})$ 3 V DC typ. < 30 mV 600 V DC/AC RMS
DC current Scales Resolution Accuracy Overload protection	200 A, 700 A 100 mA $\pm(1.5\% \text{ reading} + 5 \text{ digits})$ 700 A DC máx. for 1 minute
AC current (40 to 500 Hz) Scales Resolution Accuracy Overload protection	200 A, 700 A 100 mA From 50 to 60 Hz: $\pm(1.75\% \text{ reading} + 5 \text{ digits})$ From 40 to 500 Hz: $\pm(3.5\% \text{ reading} + 5 \text{ digits})$ 700 A (50/60 Hz): $\pm(2.5\% \text{ reading} + 5 \text{ digits})$ 700 A AC max. for 1 minute
Power supply	9 V IEC 6F22 battery; on-screen low battery warning
Mechanical features	250 (W.) x 100 (H.) x 46 (D.) mm / 380 g, including the battery
Included accessories	PP-08 test probes couple, Transport case

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

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE 04-23