

4300 Counts Auto-Ranging DC/AC Clamp Meter

Features:

- EN61010-1 approval
- Dimensions of conductor: $\varnothing 48.5\text{mm}$
- Resistance measurement from 0.1Ω to $43\text{M}\Omega$
- Diode test and Audible continuity check function
- Circulating record function for MAX. MIN. AVG and normal
- Provides: AUTO-HOLD, RELATIVE (Δ ZERO) and PEAK HOLD functions
- Frequency counter from 0.1Hz to 4.3KHz
- Auto power off to preserve battery life
- Ohm, Diode, Continuity and Frequency input protection to 600V DC/AC rms

Model: 96

Specifications:

DC Voltage (Autoranging)

Range: 430mV , 4.3V , 43V , 430V , 600V

Resolution: $100\mu\text{V}$

Accuracy: $\pm(0.25\%\text{rdg}+1\text{dgt})$ on 430mV to 430V ranges
 $\pm(0.25\%\text{rdg}+3\text{dgt})$ on 600V range

Input impedance: $10\text{M}\Omega$

AC Voltage (Autoranging)

Range: 4.3V , 43V , 430V , 600V

Resolution: 1mV

Accuracy: $\pm(0.75\%\text{rdg}+4\text{dgt})$

Input impedance: $10\text{M}\Omega$

DC Current (accuracy: at the center of CT)

Range: 430A , 700A

Accuracy: $\pm(1.5\%\text{rdg}+5\text{dgt})$

* 700A to 1200A : $\pm(2.0\%\text{rdg}+5\text{dgt})$

AC Current (accuracy: at the center of CT)

Range: 430A , 700A

Accuracy: $\pm(1.75\%\text{rdg}+5\text{dgt})$ on 50Hz - 60Hz

$\pm(3.5\%\text{rdg}+5\text{dgt})$ on 40Hz - 500Hz

* 700A to 1000A ($50\text{Hz}/60\text{Hz}$): $\pm(2.5\%\text{rdg}+5\text{dgt})$

Resistance (Autoranging)

Range: 430Ω , $4.3\text{K}\Omega$, $43\text{K}\Omega$, $430\text{K}\Omega$, $4.3\text{M}\Omega$, $43\text{M}\Omega$

Resolution: $100\text{m}\Omega$

Accuracy: $\pm(0.5\%\text{rdg}+2\text{dgt})$ on 430Ω range

$\pm(0.5\%\text{rdg}+1\text{dgt})$ on $4.3\text{K}\Omega$ to $430\text{K}\Omega$ ranges

$\pm(0.8\%\text{rdg}+1\text{dgt})$ on $4.3\text{M}\Omega$ range

$\pm(2.0\%\text{rdg}+4\text{dgt})$ on $43\text{M}\Omega$ range

Diode Test

Accuracy: $\pm(10.0\%\text{rdg}+3\text{dgt})$

Resolution: 1mV

Test current: $1.0\text{mA} \pm 0.6\text{mA}$

Test voltage: $<3.0\text{V}$

Continuity

Threshold: less than $50\Omega \pm 30\Omega$

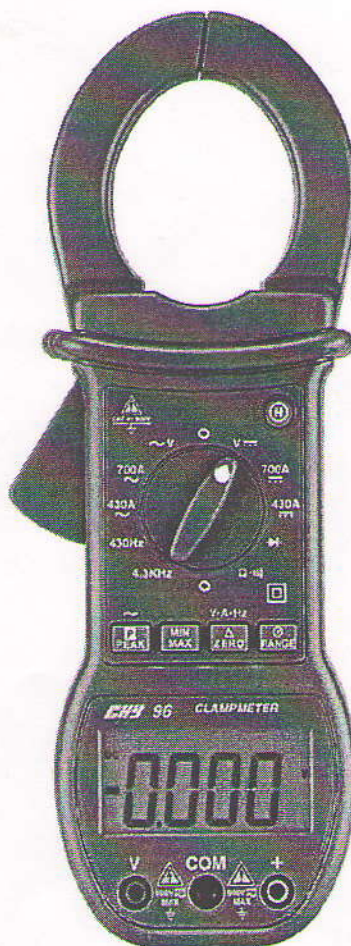
Frequency

Range: 430Hz , 4.3KHz

Resolution: 0.1Hz

Sensitivity: 1.0Vrms

Accuracy: $\pm(1.0\%\text{rdg}+3\text{dgt})$



CHY FIREMATE CO., LTD.
NO. 3 SHENG-LI 1ST STREET, HSIN-TIEN VILLAGE,
JEN-YE HSIANG, TAINAN HSIEN, TAIWAN R.O.C.

Tel: 886-6-2794811

Fax: 886-6-2700227

E-Mail: chy@ksts.seed.net.tw