

# True RMS DC/AC Clamp Meter

## Features:

- EN61010-1 Approval
- Over-Voltage Category III
- Dimensions of conductor:  $\varnothing$  48.5mm
- Display Back-Light feature
- Provides DATA-HOLD and MAX-HOLD Reading
- Diode test and Audible continuity check function
- Ohm, Diode, Continuity and Frequency input protection to 600V DC/AC rms

**Model: 91T**

## Specifications:

### DC Volts

Ranges: 600V  
Resolution: 1V  
Accuracy:  $\pm(0.5\%rdg+1dgt)$   
Input impedance: 10M $\Omega$

### AC Volts (True RMS) (50Hz - 500Hz)

Ranges: 200V, 600V  
Resolution: 100mV  
Accuracy:  $\pm(1.2\%rdg+10dgts)$   
Input impedance: 10M $\Omega$

### DC Current

Ranges: 200A, 1200A  
Resolution: 100mA  
Accuracy:  $\pm(1.5\%rdg+5dgts)$

### AC Current (True RMS) (40Hz-500Hz)

Ranges: 200A, 1000A  
Resolution: 100mA  
Accuracy:  $\pm(1.5\%rdg+10dgts)$  on 50Hz-60Hz  
 $\pm(3.5\%rdg+10dgts)$  on 40Hz-500Hz

### Resistance

Ranges: 2K $\Omega$ , 200K $\Omega$   
Resolution: 1 $\Omega$   
Accuracy:  $\pm(1.2\%rdg+1dgt)$   
Open circuit volts: 0.3Vdc

### Continuity

Audible indication: less than 30 $\Omega$  on 2K $\Omega$  range

### Diode Test

Test current: 1.0mA  $\pm$  0.6mA  
Accuracy:  $\pm(6.0\%rdg+3dgts)$   
Open circuit volts: 3.0Vdc typical

### Frequency

Range: auto-ranging up to 20KHz  
Resolution: 1Hz  
Sensitivity: 80Vrms min  
Accuracy:  $\pm(0.1\%rdg+3dgts)$   
Effect reading: 10-1999



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

Tel: 886-6-2794811  
Fax: 886-6-2700227  
E-Mail: chy@ksts.seed.net.tw