

# 3½ Digits LCR Meter

Model: 24

## Features:

- EN61010-1 Approval
- Most professional ruggedized L.C.R meter
- Provides highly accurate measurement function
- Provides MAX/DATA HOLD function
- Diode test with  $\rightarrow+$ ,  $\rightarrow+$ , microwave  $\rightarrow+$ , zener  $\rightarrow+$  (<6.8V)
- Resistance measurement from 0.01 $\Omega$  to 20M $\Omega$
- Capacitance measurement from 0.1pF to 2000 $\mu$ F
- Inductance measurement from 0.1 $\mu$ H to 200H

## Specifications:

### Resistance

Ranges: 20 $\Omega$ , 200 $\Omega$ , 2K $\Omega$ , 20K $\Omega$ , 200K $\Omega$ , 2M $\Omega$ , 20M $\Omega$

Resolution: 20 $\Omega$  range 10m $\Omega$

Accuracy:  $\pm(1.0\%rdg + 10dgts)$  on 20 $\Omega$  range

$\pm(0.3\%rdg + 3dgts)$  on 200 $\Omega$  range

$\pm(0.3\%rdg + 1dgts)$  on 2K $\Omega$  to 2M $\Omega$  ranges

$\pm(2.0\%rdg + 2dgts)$  on 20M $\Omega$  range

Open circuit volts: 6.5VDC on 20 $\Omega$  to 200 $\Omega$  ranges

1.2VDC on other range

### Diode Test

Including:  $\rightarrow+$ ,  $\rightarrow+$ , microwave  $\rightarrow+$ , zener  $\rightarrow+$  (<6.8V)

Test current: 3mA (approx)

Open voltage: 8VDC typical

Resolution: 1mV

Accuracy:  $\pm(10\%rdg + 10dgt)$

Display: forward junction voltage

Overload protection: 25VDC or AC rms

### Inductance

Ranges: 200 $\mu$ H, 2mH, 20mH, 200mH, 2H, 20H, 200H

Resolution: 0.1 $\mu$ H

Accuracy:  $\pm(3.0\%rdg + 3dgts)$  on 200 $\mu$ H to 200mH range

$\pm(5.0\%rdg + 10dgts)$  on 2H to 200H ranges

Test frequency: 1000Hz on 200 $\mu$ H to 2H ranges

100Hz on 20H to 200H ranges

Temperature Coefficient:  $\leq 0.5H$ : 0.2%/°C

$> 0.5H$ : 0.5%/°C

Overload protection: 0.1A/250V fast blow fuse



**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