

4½ Digits True RMS Multimeter

Features:

- EN61010-1 approval
- Most rugged, Easy use Hand held meter
- Diode test and Audible continuity check function
- Ohm, Diode and Continuity input protection to 500V DC/AC rms

Model: 23T

Specifications:

DC Voltage

Range: 200mV, 2V, 20V, 200V, 1000V

Resolution: 10µV

Accuracy: $\pm(0.05\% \text{rdg} + 4 \text{dgt})$

Input impedance: 10MΩ

AC Voltage (True RMS)

Range	Input	45Hz~1KHz	1KHz~20KHz
200mV	20mV~200mV		
2V	200mV~2V	$\pm(1.0\% + 10)$	$\pm(1.5\% + 10)$
20V	2V~20V		
200V	20V~200V	$\pm(1.5\% + 10)$	N/A
750V	200V~750V		

Input impedance: 10MΩ

DC Current

Range: 200µA, 2mA, 20mA, 200mA, 10A

Resolution: 10nA

Accuracy: $\pm(0.5\% \text{rdg} + 10 \text{dgt})$ on 200µA, 2mA, 20mA ranges

$\pm(2.0\% \text{rdg} + 10 \text{dgt})$ on 200mA, 10A ranges

Burden voltage: 0.7V on all ranges, except

1.5V on 10A range

Fuse rating: 0.5A/250V, 10A/600V

AC Current (True RMS 50Hz - 1KHz)

Range: 200µA, 2mA, 20mA, 200mA, 10A

Resolution: 10nA

Accuracy: $\pm(1.0\% \text{rdg} + 10 \text{dgt})$ on 200µA, 2mA, 20mA ranges

$\pm(2.5\% \text{rdg} + 10 \text{dgt})$ on 200mA, 10A ranges

Burden voltage: 0.7V on all ranges, except

1.5V on 10A range

Fuse rating: 0.5A/250V, 10A/600V

Resistance

Range: 20Ω, 200Ω, 2KΩ, 20KΩ, 200KΩ, 2000KΩ, 20MΩ

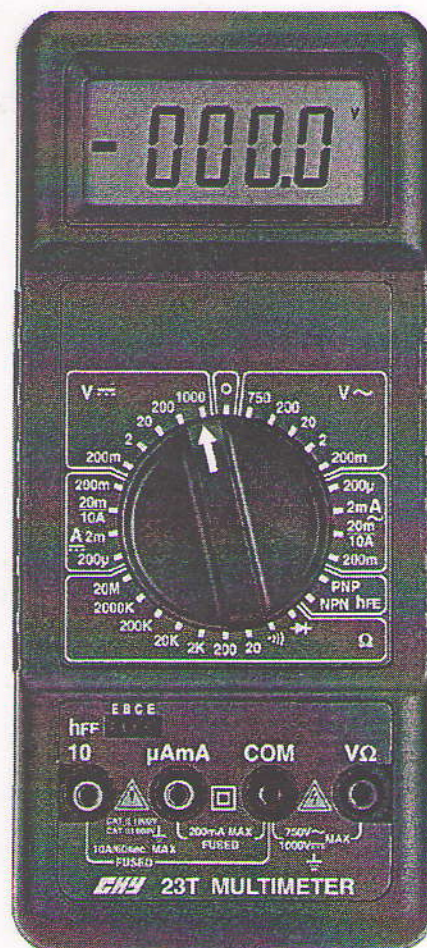
Resolution: 1mΩ

Accuracy: $\pm(1.0\% \text{rdg} + 200 \text{dgt})$ on 20Ω range

$\pm(0.2\% \text{rdg} + 20 \text{dgt})$ on 200Ω range

$\pm(0.2\% \text{rdg} + 2 \text{dgt})$ on 2KΩ to 2000KΩ ranges

$\pm(2.0\% \text{rdg} + 3 \text{dgt})$ on 20MΩ range



Continuity

Threshold: <100Ω

Response time: <100ms

Diode Test

Accuracy: $\pm(2.0\% \text{rdg} + 3 \text{dgt})$

Resolution: 1mV

Test current: 1.0mA $\pm$ 0.6mA

Test voltage: <3.5V

hFE Test

Ib: 10µA approx

Vce: <3.5V

Range: 0-1000



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