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**ELFA**

## **PRODUKTINFORMATION**

Vi reserverar oss mot fel samt förbehåller oss rätten till ändringar utan föregående meddelande

**ELFA artikelnr**

**76-044-40 Multimeter CHY 17**

# 3½Digits Multimeter

## Features:

- EN61010-1 Approval
- Most rugged, Easy use Hand held meter
- Autorange on Frequency range and measurement to 20MHz
- Capacitance measurement from 1pF to 20μF
- Diode test and Audible continuity check function
- hFE test function.
- Ohm, Diode, Continuity and Frequency input protection to 500V DC/AC rms.
- Design to meet IEC-348 and UL-1244 safety specifications

**Model: 17**



## Specifications:

### DC Voltage

Range: 200mV, 2V, 20V, 200V, 600V

Resolution: 100μV

Accuracy: ±(0.5%rdg+1dgt)

Input impedance: 10MΩ

### AC voltage (50Hz - 500Hz)

Range: 200mV, 2V, 20V, 200V, 600V

Resolution: 100μV

Accuracy: ±(1.9%rdg+4dgts) on 600V ranges

±(1.0%rdg+4dgts) on all other ranges

Input impedance: 10MΩ

### DC Current

Range: 2mA, 20mA, 200mA, 10A

Resolution: 1μA

Accuracy: ±(1.0%+1dgt) on mA ranges

±(3.0%+1dgt) on 10A range

Burden voltage: 0.7V on all ranges, except

1.2V on 10A range

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

### AC Current

Range: 2mA, 20mA, 200mA, 10A

Resolution: 1μA

Accuracy: ±(2.0%+4dgts) on mA ranges

±(3.5%+4dgts) on 10A range

Burden voltage: 0.7V on all ranges, except

1.2V on 10A range

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

### Capacitance

Range: 2000pF, 20nF, 200nF, 2μF, 20μF

Resolution: 1pF

Accuracy: ±(2.0%rdg+10dgts)

Test frequency: 2.5Hz

Test voltage: 50mV

### Resistance

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

Resolution: 100mΩ

Accuracy: ±(0.8%rdg+3dgts) on 200Ω range

±(0.8%rdg+1dgt) on 2KΩ to 200KΩ ranges

±(3.0%rdg+3dgts) on 20MΩ range

### hFE Test

Ib: 10μA approx

Vce: <3.5V

Range: 0-1000

### Frequency

Range: 2KHz, 20KHz, 200KHz, 2000KHz, 20MHz

Resolution: 1Hz

Sensitivity: Trig Lo 1Vrms, Trig Hi 2Vrms

10M - 20MHz: TTL level

Accuracy: ±(0.1%rdg+1dgt)

Effect reading: 10-1999



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