

DIGITAL INSTRUMENTS

DIGITAL STOP CLOCK (UPTO 999.9 SEC.) OMEGA TYPE DSC-602

Is a quartz controlled, 4 digit digital stop clock. It has been designed to overcome the difficulties experienced in mechanical stop clocks.



Specifications:

- ❖ **Start / Stop** : operation by means of mini toggle switch.
- ❖ **'Reset' by a push button.**
- ❖ **Range** : 999.9 seconds.
- ❖ **Resolution** : 0.1 seconds.
- ❖ **Accuracy** : $\pm 0.01\%$ (Quartz controlled).
- ❖ **Display** : 12.5 mm bright seven segment display.

DIGITAL CAPACITANCE METER OMEGA TYPE DCM-008

Is suitable for measurement of capacitance of various kinds of capacitors and capacitive components and is useful for incoming inspection departments and production line testing of capacitors.

Specifications:

- ❑ **Range** : 10 pf to 9999mf in 7 measurement ranges of 9999 pf, 99.99 nf, 999.9nf, 9999 nf, 99.99 mf, 999.9 mf, and 9999 mf full scale.
- ❑ **Resolution** : 1 pf in 9999 pf range.
10 pf in 99.99 nf range.
0.1 nf in 999.9nf range.
1 nf in 9999nf range.
10 nf in 99.99 mf range.
0.1 mf in 999.9mf range.
1mf in 9999mf range.
- ❑ **Accuracy** : $\pm 0.5\% \pm 2$ digits.
- ❑ **Sampling Time** : Less than 2 Sec. for all ranges except 10 Sec. in 9999 mf range.
- ❑ **Type of Measurement** : Constant current discharging type.
- ❑ **Over Range Indication** : Blinking type LED indication.
- ❑ **Display** : 4 digit 7 segment bright LED of 12.5 mm height with automatic decimal point selection.

DIGITAL MULTIMETER HAND-HELD (3.5 DIGIT) OMEGA TYPE DMM-101

Features:

- ⊕ 3.5 Digits 1999 count display ⊕ 17mm High LCD, Easy To Read ⊕ Low Battery indication ⊕ Over range : (OL) or (-OL) display

Specifications:

- ❑ **DC Volts** : ⊕ Range : 0-200mV, 2, 20, 200, 1000V ⊕ Accuracy : $\pm 0.5\%$ RDG +3Digit, $\pm 0.5\%$ RDG +3 Digit for 1000V
- ❑ **AC Volts (50Hz - 500Hz)** : ⊕ Range : 0- 20, 200, 700V ⊕ Accuracy : $\pm 0.8\%$ RDG +5 Digits, $\pm 1.2\%$ +5 Digits for 700V
- ❑ **DC Current** : ⊕ Range : 0-20, 200mA, 20Amp, ⊕ Accuracy : $\pm 1.5\%$ +3 D , on mA range, $\pm 2\%$ +8 Digit on 20A range
- ❑ **AC Current (50Hz - 500Hz)** : ⊕ Range : 0-200mA, 20A. ⊕ Accuracy : $\pm 1.5\%$ +5 Digit on mA range, $\pm 3\%$ +10 Digit on 20A range
- ❑ **Resistance** : ⊕ Range : 200 Ohms, 2K Ohms, 20K Ohms, 200K Ohms, 20M Ohms, 200M Ohms, ⊕ Accuracy : $\pm 0.8\%$ +5 Digit, 0 to 20M $\pm 1.2\%$ +8 Digits, 0-200 M $\pm 5\%$ 20 Digit Diode tester, Audiable continuity.
- ❑ **Capacitance** : ⊕ RANGE : 0- 20, 200uF, ⊕ Accuracy : $\pm 2.5\%$ +20 Digits

DIGITAL MULTIMETER HAND-HELD (3³/₄ DIGIT) OMEGA TYPE DMM-201

Features:

- ⊕ 3³/₄ Digits 3999 count display ⊕ 17mm High LCD, Easy To Read ⊕ Low Battery indication ⊕ Over range : (OL) or (-OL) display

Specifications:

- ❑ **DC Volts** : ⊕ Range : 0-400mV, 4, 40, 400, 1KV ⊕ Accuracy : $\pm 0.5\%$ RDG ± 1 Digit
- ❑ **AC Volts (50Hz - 500Hz)** : ⊕ Range : 0-400mV, 4, 40, 400, 750V ⊕ Accuracy : $\pm 1.5\%$ RDG ± 4 Digits
- ❑ **DC Current** : ⊕ Range : 0-40mA, 400mA, 10A. ⊕ Accuracy : $\pm 1.0\%$ RDG ± 1 Digit on mA range, $\pm 3.0\%$ RDG ± 1 Digit on 10A range
- ❑ **AC Current (50Hz - 500Hz)** : ⊕ Range : 0-40mA, 400mA, 10A. ⊕ ACCURACY : $\pm 1.5\%$ RDG ± 4 Digit on mA range, $\pm 3.5\%$ RDG ± 4 Digit on 10A range ⊕ FUSE RATING : 0.8A/250V,
- ❑ **Capacitance** : ⊕ Range : 0- 4, 40, 400nF, 4uF, 40 uF ⊕ Accuracy : $\pm 5\%$ RDG ± 10 Digits
- ❑ **Frequency (Auto ranging)** : ⊕ RANGE : 4KHz, 40KHz, 400 KHz, 4MHz (Auto ranging) ⊕ ACCURACY : $\pm 1\%$ RDG ± 2 Digit on all ranges ⊕ SENSITIVITY : 1.0Vrms
- ❑ **Resistance** : ⊕ Range : 400 Ohms, 4K Ohms, 40K Ohms, 400K Ohms, 4M Ohms, 40M Ohms, 400M ohms ⊕ ACCURACY : 40M Ohms - $\pm 3\%$ RDG ± 4 Digit, 400 to 4M $\pm 1\%$ RDG ± 4 Digits, 400 M $\pm 10\%$ RDG ± 1 Digit And with Transistor tester, Diode tester, Audiable continuity & logic test facility.