

VOLTAGE DETECTOR

AC and AC/DC Low Voltage

Model LV-1



FEATURES

- New Function to avoid Electric Shock.
- Using Conductive Rubber for Detector Tip free from short circuit.
- With Slip Stopper for the safety.

SPECIFICATIONS

Model	: LV-1 (for AC low voltage only)
Voltage range	: On the cover of wire AC50~500V (50/60Hz common use) On the Bare terminal AC0~300V (50/60Hz common use)
Isolation resistance	: Over 10M Ω by DC500V Insulation Tester (between detecting tip and clip)
Isolation withstanding	: One minute by AC1500V Insulation Tester (between detecting tip and clip)
Minimum responsible voltage to ground	: Sensitivity adjustable. (initial adjustment for standard / AC40V with detecting tip in contact with insulated wire 1V 2mm)
Value for judgement of isolation defect	: More than 10 μ A, floating to the human body ("L" lamp will turn on a light)
Display of indication	Visual : intermittent flashing red light for the both of voltage detect & isolation defect.
Audio	: intermittent beeper sound
Battery	Alkaline button cell : LR-44 \times 2 Pcs.
Operating temperature	: 0°C~40°C
Size & weight	: 20(W) \times 129(H) \times 19.5(D)mm approx. 30gs
Accessories	: Batteries(LR-44) 2 Pcs. Alligator clip for the earth 1 Pce. Instruction manual 1 Pce.

Model V-550



FEATURES

- LCD display of voltage with voltage detective function (beeper sound).
- Can measure voltage from the cover of conductor (estimated value).
- Accurate & safety measurement on the bare terminal, etc. free from short circuit.

SPECIFICATIONS

Max. measuring voltage	: AC500V
Auto power off	: 5 minutes after switch on
Date hold	: "DH" mark on LCD readout
Low battery indication	: "B" mark on LCD
Power supply	: 1.55V (LR-44) \times 2
Power Consumption	: Continuous approx. 60hours
Size	: 130(L) \times 30(W) \times 14(D)mm, approx. 37g
Accessories	: Battery 2 Soft case 1 Instruction Manual : 1
Accuracy	: 23°C \pm 5°C, 80% RH or less

Range H	Range L
Bare terminal, Outlet bare conductor, etc.	on the insulated vinyl, rubber cover of conductor
Accuracy : \pm 3% rdg	estimated value (according to materials, condition of wires, etc)

Display of volatage detection : 3 1/2 digit on LCD and beeper sound over 15V.
Measuring circuit voltage : less than AC600V (50/60Hz)

Model VD-320



FEATURES

- Can measure AC/DC voltage of the bare terminal easily by one-hand operation and can judge the polarity of DC voltage.
- Can measure voltage even from the cover of conductor by touching the tip for 30 second. (Estimated value).
- Using conductive rubber tip, free from short circuit.
- Can measure DC voltage from 1.5V to 400V as well as AC voltage up to 500V.
- No effect on the measurement due to insulation ground condition, etc.

SPECIFICATIONS

Measurement circuit voltage	: less than 600V
Data hold	: "DH" mark on LCD readout
Low battery indication	: "B" mark on LCD readout
Power supply	: 1.55V (LR-44) \times 2
Power consumption	: Continuous approx. 60 hours
Size	: 153(L) \times 34(W) \times 24(D)mm, approx. 60g
Accessories	: Battery 2 Soft case 1 Instruction manual : 1
Accuracy	: 23°C \pm 5°C, 80% RH or less

Range	DC Voltage	AC Voltage
Range	400V/200V manual	500V (50/60Hz)
Polarity	"+" or "-" indication	Earth side/no indication Hot side/voltage value
Accuracy	\pm 5% rdg	\pm 5% rdg