

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 10μA, 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-44×2 Pcs.
 Operating temperature : 0°C~40°C
 Size & weight : 20(W)×129(H)×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)×2
 Power Consumption : Continuous approx. 60hours
 Size : 130(L)×30(W)×14(D)mm, approx. 37g
 Accessories : Battery 2
 Soft case 1
 Instruction Manual · 1
 Accuracy : 23°C ± 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 : ± 3% rdg	estimated value (according to materials, condition of wires, etc)

Display of volatage detection : 3½ 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)×2
 Power consumption : Continuous approx. 60 hours
 Size : 153(L)×34(W)×24(D)mm, approx. 60g
 Accessories : Battery 2
 Soft case 1
 Instruction manual · 1
 Accuracy : 23°C ± 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	± 5% rdg	± 5% rdg