

**DIGITAL INSULATION TESTER (1kV below)**

**FEATURES**

- The ST-2551 is a LCD indicated instrument for testing insulation ( $M\Omega$ ), continuity ( $\Omega$ ) and AC voltage.
- Instant operation is possible with a pushbutton. In addition, for continuous measurement of  $M\Omega$ ,  $\Omega$  or ACV, a convenient timer is provided with automatic power off after three to five minutes to save the battery power.
- LED (red) indication works when testing insulation, continuity and voltage.
- Use a high efficiency and accurate DC-DC converter.
- Auto ranging.
- Heavy case.
- Most suitable for insulation resistance measurement of electrical household appliances, power line distribution and installation.
- IEC 1010 CAT II 600V

**SPECIFICATIONS**
**Insulation Resistance**

Test Voltage (DC V)	250V/500V/1000V
Output Voltage Open Circuit	+10%
Measuring Ranges	0-20M $\Omega$ /0-200M $\Omega$ /0-2000M $\Omega$
Accuracy	20M $\Omega$ : $\pm$ (1.5%rdg+2dgt) 200M $\Omega$ : $\pm$ (2.5%rdg+2dgt) 2000M $\Omega$ : $\pm$ (5%rdg+3dgt)

**Continuity**

Measuring Ranges	20 $\Omega$ /200 $\Omega$ /2k $\Omega$
Short Circuit Current	3mA
Accuracy	20 $\Omega$ : $\pm$ (2%rdg+4dgt) 200 $\Omega$ : $\pm$ (1.5%rdg+2dgt) 2K $\Omega$ : $\pm$ (1.5%rdg+2dgt)
Buzzer Sounds Below	8 $\Omega$ /10 $\Omega$ /50 $\Omega$

**AC Voltage**

AC Voltage Range	0-600V AC
Accuracy	$\pm$ (1.5%rdg+2dgt)

**General**

Display	LCD 3 $\frac{1}{2}$ (2000counts)
Impedance	10M $\Omega$
Power Source	1.5V(SUM-3) $\times$ 6
Dimensions	163(L) $\times$ 100(W) $\times$ 50(D)mm
Weight	Approx. 480g (battery included)
Accessories	Test leads (AL-24SA) Instruction manual Heavy-duty case Batteries