

# Digital Insulation Tester



## Description:

Battery cum Mains Operated, with facility to measure AC Voltage, Low Resistance, Continuity, 500V/2000M.Ohms, 1000V/2000M.Ohms, 2500V/20G.Ohms, 5000V/200G.Ohms.

- Four ranges: 500V, 1000V, 2500V, 5000V
- High voltage output testing auto extends for 30 seconds.
- Autorange insulation resistance testing
- 2 seconds high voltage output interval with warning beeper
- AC voltage /Continuity/Low resistance measuring
- White backlight to view the test results in dimly lit areas.
- Display: LCD:75\*35mm, Max reading: 1999
- Low battery indication
- Battery Cum Mains Operated
- Test Voltage: 500V / 1000V / 2500V / 5000V
- Insulation Resistance Range: 2000M.Ohms @ 500V / 2000M.Ohms @ 1000V / 20G.Ohms @ 2500V / 200G.Ohms @ 5000V
- Accuracy:  $\pm 5.0\%$
- AC Voltage Measurement: 0 – 750V
- Accuracy:  $\pm 1.0\%$
- Low Resistance: 0 – 200 Ohms
- Accuracy:  $\pm 0.8\%$

## TECHNICAL SPECIFICATION

Function	Range	Displaying reading	Accuracy	Remark/Media resistance
ACV	750V	00	$\pm(1.2\%+3d)$	Frequency response:40~400Hz
$\Omega$	200 $\Omega$	00.0	$\pm(0.8\%+3d)$	Voltage limit 250V <300beeper alarm
M $\Omega$ 500V	20M $\Omega$ 200M $\Omega$ 2000M $\Omega$	0.00 00.0 000	$\pm(2\%+5d)$ $\pm(2\%+5d)$ $\pm(3\%+5d)$	2M $\Omega$
M $\Omega$ 1000V	20M $\Omega$ 200M $\Omega$ 2000M $\Omega$	0.00 00.0 000	$\pm(2\%+5d)$ $\pm(2\%+5d)$ $\pm(3\%+5d)$	10M $\Omega$
M $\Omega$ 2500V	200M $\Omega$ 2G $\Omega$ 20G $\Omega$	00.0 .000 0.00	$\pm(2\%+5d)$ $\pm(3\%+5d)$ $\pm(5\%+5d)$	20M $\Omega$
M $\Omega$ 5000V	2G $\Omega$ 20G $\Omega$ 200G $\Omega$	.000 0.00 00.0	$\pm(3\%+5d)$ $\pm(5\%+5d)$ $\pm(8\%+5d)$	200M $\Omega$
Continuity	Audible Continuity when resistance is less than 30 $\Omega$			

Model No. : UST-914DIT