

# PROVA-5601/5637 Clamp-on Ground Resistance Tester



## FEATURES

Non-Contact Ground Resistance Measurement	0.2mA– 30A(5601)0.2mA– 35A(5637), True RMS
No Auxiliary Electrode Needed	116 Sets of Memory(5601,5637)
Jaw Diameter $\Phi$ 23 mm (5601)	Programmable Hi and Lo Alarm(5601,5637)
Jaw Diameter $\Phi$ 35 mm(5637)	Programmable Data Logging (5601,5637)
0.025 – 1500 Ohm	



## APPLICATIONS

Telecommunication	Cellular Phone System
Cable TV system	Factory and Facility
Electrical Power Plant	Gas Station Tank



## SPECIFICATION

Ground Resistance (Auto range)

Range	Resolution	Accuracy of Reading 1,2
0.025 - 0.250 $\Omega$	0.002 $\Omega$	$\pm 1.5\% \pm 0.05 \Omega$
0.250 - 1.000 $\Omega$	0.02 $\Omega$	$\pm 1.5\% \pm 0.05 \Omega$
1.001 - 9.999 $\Omega$	0.02 $\Omega$	$\pm 1.5\% \pm 0.1 \Omega$
10.00 - 50.00 $\Omega$	0.04 $\Omega$	$\pm 2.0\% \pm 0.3 \Omega$
50.01 - 99.99 $\Omega$	0.04 $\Omega$	$\pm 2.0\% \pm 0.5 \Omega$
100.0 - 200.0 $\Omega$	0.4 $\Omega$	$\pm 3.0\% \pm 1.0 \Omega$
200.1 - 400.0 $\Omega$	2 $\Omega$	$\pm 5.0\% \pm 5 \Omega$
400.1 - 600.0 $\Omega$	5 $\Omega$	$\pm 10\% \pm 10 \Omega$
600.1 - 1500 $\Omega$	20 $\Omega$	$\pm 20\%$

1 Loop resistance noninductive, external field < 200 A/m, external electrical field < 1 V/m, conductor centered.

2 Resistance Measurement Frequency: 1.667KHz,3.333KHz(optional)

Ground/Leakage Current (Auto range, 50/60 Hz, True RMS, Crest Factor < 3.5)

Range	Resolution	Accuracy of Reading
0.200 - 1.000 mA	0.001 mA	± 2.0% ± 0.05 mA
1.00 - 10.00 mA	0.01 mA	± 2.0% ± 0.03 mA
10.0 - 100.0 mA	0.1 mA	± 2.0% ± 0.3 mA
100 - 1000 mA	1 mA	± 2.0% ± 3 mA
0.20 - 4.00 A	0.001A	± 2.0% ± 0.03A
4.00 - 30.00 A(5601)	0.01A	± 3.0% ± 0.03A
4.00 - 35.00 A(5637)	0.01A	± 3.0% ± 0.03A

#### General Specification

<b>Accuracy of Resistance Calibration Plate</b>	±0.5%
<b>Data Logging Capacity</b>	116 records
<b>Data Logging Interval</b>	1 to 255 seconds
<b>Conductor Size</b>	35mm /1.38”(5637), 23mm /0.90”(5601)
<b>Jaw Opening</b>	38mm /1.49”(5637), 27mm /1.06”(5601)
<b>Battery Type</b>	9V IEC 6 LR61 (Alkaline)
<b>Display Type</b>	4 digits 9999 counts LCD
<b>Overload Indication</b>	OL
<b>Battery Life</b>	3000 measurements
<b>Low Battery Indication</b>	
<b>Range Selection</b>	Auto
<b>Power Consumption</b>	40mA
<b>Sampling Time</b>	0.5 seconds
<b>Operating Temperature</b>	0 °C to 50 °C (14 °F to 122 °F ) Operating Humidity: Less than 85% RH
<b>Storage Temperature</b>	-20 °C to 60 °C (-4 °F to 122 °F ) Storage Humidity: Less than 75% RH

<b>Dimension( 5637)</b>	276mm (L) x 100mm(W) x 47mm(H),10.8" (L) x 3.9"(W) x 1.9"(H)
<b>Dimension(5601)</b>	257mm (L) x 100mm(W) x 47mm(H),10.1" (L) x 3.9"(W) x 1.9"(H)
<b>Weight( 5637)</b>	750g/1.65lbs
<b>Weight(5601)</b>	640g/1.41lbs
<b>Accessories</b>	Resistance Calibration Plate x 1 Battery 9V (Installed) x 1 Carrying Box x 1 Users Manual x 1