

2600 Series Ground Bond Tester

Relevant Applications:

Laboratory Equipment • Medical • Appliance • Water Pumps

Features:

- Intuitive user interface
- Milliohm offset function for accurate Ground Bond testing
- 5 programmable memories
- Automate with PLC control



2630: 30 Amp Ground Bond Tester

The 2630 is a 30 Amp Ground Bond tester that can be used stand alone or interconnected to a Slaughter Hipot tester. With the 2630, manufacturers can cost-effectively meet safety agency requirements for Electrical Safety testing. It includes such features as a liquid crystal display, menu driven control, electronic dwell, 5 test set up memories, front panel lockout and milliohm offset capability. The 2630 is also UL and TÜV safety agency listed.

2660: 60 Amp Ground Bond Tester

The 2660 is a 60 Amp Ground Bond tester that can be used stand alone or interconnected to a Slaughter Hipot testers. With the 2660, manufacturers can cost-effectively meet safety agency requirements for higher current Ground Bond testing. It includes such features as a liquid crystal display, menu driven control, electronic dwell, 5 test set up memories, front panel lockout and milliohm offset capability. The 2660 is also UL and TÜV safety agency listed.

Specifications:

Model	2630	2660
	Ground Bond Tester	
Input		
Voltage	115/230V selectable +/- 15%	
Frequency	50 / 60 Hz ± 5%	
Fuse	6.3A 250V Slow Blow	15A 250V Slow Blow
Ground Bond Test mode		
Output		
- Current	3.0 - 30.0 Amps AC	3.0 - 60.0 Amps AC
- Resolution	0.1 Amp	
- Regulation	± (2% of setting + 0.02 A)	
- Voltage	6 VAC, fixed	12 VAC, fixed
Output Frequency	50 / 60 Hz user selectable	
Dwell Timer		
- Range	0 and 0.5 - 999.9 seconds 0 for continuous running	
- Resolution	0.1 second	
- Accuracy	± (0.1% of setting + 0.05 seconds)	
High Limit		
- Range	0 - 510 mΩ	0 - 600 mΩ
- Current	0 - 510 mΩ for 0.0 - 10.0 Amps 0 - 200 mΩ for 10.1 - 25.0 Amps 0 - 150 mΩ for 25.1 - 30.0 Amps	0 - 600 mΩ for 0.0 - 15.0 Amps 0 - 300 mΩ for 15.1 - 30.0 Amps 0 - 150 mΩ for 30.1 - 60.0 Amps
- Resolution	1 mΩ	
- Accuracy	± (2% of setting + 2 mΩ)	
Offset Capability		
- Range	0 - 100 mΩ	
- Resolution	1 mΩ	
- Accuracy	± (2% of setting + 2 mΩ)	
Current Display		
- Range	0.0 - 30.0 Amps	0.0 - 60.0 Amps
- Resolution	0.1 Amp	
- Accuracy	± (3% of reading + 0.03 Amps)	

Ground Bond Tester

Model Display	2630	2660
Ohmmeter		
- Range	0 - 510 mΩ	0 - 600 mΩ
- Resolution	1 mΩ	
- Accuracy	± (2% of reading + 2 mΩ)	± (3% of reading + 3 mΩ) for 3 - 5.9 Amps ± (2% of reading + 2 mΩ) for 6 - 60 Amps
Timer Display		
- Range	0.1 – 999.9 sec	
- Resolution	0.1 sec	
- Accuracy	± (0.1% of reading + 0.05 sec)	

General Specifications	
Remote Control and Signal Output	The following input and output signals are provided through two 9-pin D-type connectors: 1. Remote control: Test, Reset, and Withstand Processing 2. Outputs: Pass, Fail, Test-in-Process, Start Out, and Reset Out
Memory	5 sets
Security	Key Lock capability to avoid unauthorized access to all test parameters. Memory Lock capability to avoid unauthorized access to memory locations.
Line Cord	Detachable 6' (1.80 m) power cable terminated in a three prong grounding plug.
Terminations	5' (1.52 m) high current and return leads with clips
Mechanical	Tilt up front feet
Dimensions (W x H x D)	11" x 3.5" x 14.56" (280 x 89 x 370 mm) 16.875" x 5.25" x 15.625" (430 x 130 x 400 mm)
Weight	20 lbs. (9 kg) 44.1 lbs. (20 kg)
Environmental	
- Operating Temp	32° - 104°F (0° - 40°C)
- Relative Humidity	-20% to 80%
Calibration	Traceable to National Institute of Standards and Technology (NIST). Calibration controlled by software. Adjustments are made through front panel keypad in a restricted access calibration mode. Calibration information stored in non-volatile memory

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