

HOT WIRE IGNITION TESTER

MODEL HWI-01

ED&D EXCLUSIVE!

Purpose:

Apparatus is intended for establishing the resistance of insulating parts and materials to heat.

In compliance with UL and IEC requirements (e.g. IEC60950 fig. A2...UL746, etc)

Specifications of Apparatus:

Consists of:

- 25ft. spool of Nichrome Wire with resistance of 5.28 Ω /m.
- Wire connectors for attaching/energizing the test wire.
- Terminals for connecting to the power source (Power source sold separately).
- Support for sample positioning- 70 mm and 110 mm width positions



Design Specifications:

All parts are corrosion resistant. Built in accordance with IEC60950 and UL746.

Technical Specifications:

- | | |
|----------------------------------|------------------|
| • Support Height | 60.0 mm |
| • Wire Connection Width | 31.5 mm |
| • Wire Connection Height | 61.5 mm |
| • Wire Nichrome (80% Ni, 20% Cr) | 5.28 Ω /m |

ED&D is ISO 17025 accredited. NIST-traceable ISO 17025 Certificate of Calibration included. One year warranty.

DIGITAL HOT WIRE POWER SUPPLY

MODEL HWI-PWR



Product Purpose:

This ED&D **Exclusive** product is intended for powering our Hot Wire Ignition Tester (Model HWI-01). While conducting the Hot Wire Ignition Test, this product provides power for energizing the heater wire. The Hot Wire Ignition Test is conducted towards establishing a Hot Wire Ignition rating (HWI) for specific plastics. This product complies with IEC 695-2-20:1995, IEC60695-2-20:2004, IEC60950, EN60950, UL60950, CSA60950, UL746A and other standards requiring Hot Wire Ignition tests. SIMULTANEOUS READINGS - - AMPS and WATTS! Part of our "Millennium Series" top-of-the-line test devices...

Product Specifications:

- System Electrical Ratings: 110 – 120 or 220 – 240 VAC (see ratings label), 50 – 60 Hz., 2/1 A
- Power Connection: Certified detachable power supply cord with integral plug
- Environmental Ratings: 10 – 40 °C, indoor use only
- Overall Dimensions: 13.5 in. D x 19.5 in. W x 9.2 in. H (34.3 x 49.5 x 23.4 cm)
- Overall Weight: 29 lbs. (13.2 Kg)
- Output Ratings: 0 – 16 VAC, 0 – 10 A, 0 – 180 W
- Ammeter Tolerance: ± 1 % f.s.
- Wattmeter Tolerance: ± 1 % f.s.
- Timer Range: 99.59.99 (minutes.seconds.100ths of seconds)
- Operating Modes: Mode 1: Timed Continuous Operation
 Mode 2: Timed Auto-Shutoff Operation



ED&D is **ISO 17025** accredited by ACLASS, an ILAC member. Results are accepted internationally.

- NIST-traceable ISO 17025 Certificate of Calibration included.
- One year warranty.
- Free expert level technical support
- Operator's manual
- Packaging & Handling included

Brought to you by the experts in product safety - - we make testing EASY!!



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Product appearance and/or specifications subject to change without notice