

Glow Wire Tester

Model: G0003

a measurable difference...

IDM[®]
instruments

The glow wire test is to simulate the effect of thermal stresses, which may be produced by heat sources, such as glowing elements or overloaded resistors, for short periods, in order to assess the fire hazard by a simulation technique.

The glow wire is a specified loop of resistance wire which is electrically heated to a specified temperature. The glow wire is then brought into contact with the specimen under test.

Applications:

- Electro technical equipment.
- Solid combustible materials.
- Solid electrical insulating materials.

Features:

- Adjustable specimen clamp
- Adjustable temperature control
- Certified thermocouples
- Safety hazard tray

Specifications:

Heating Element	Glow Wire: Nickle/Chromium (80/20) wire 4mm dia.
Thermocouple	1.0mm or 0.5mm dia. mineral insulated - Type K
Temperature Range	Adjustable: 500°C to 1050°C Digital Display
Penetration Depth	Adjustable to 7mm ± 0.5mm
Sample Contact Force	1.0N ± 0.2N with 120g weight
Timer	Adjustable: 0.001 sec. to 9999 hrs
Voltage	220/240 VAC @ 50 HZ or 110 VAC @ 60 HZ
Weight	15kg
Dimensions	H: 500 x W: 508 x D: 232mm
Weight	15kg



Standards:

- AS/NZS 60695.2.10
- IEC 60695.2.10

Spares / Accessories:

- Replacement Thermocouples
- Replacement Glow Wires
 - Spares are available with or without certification

Benefits:

- Easy to use
- Fast results
- Accurate