

SL-SE04 Glow Wire Test Chamber

Application

- The Glow Wire Tester is designed to carry out fire hazard testing on electro technical products in accordance with the provisions of International standards.
- The control unit is supplied with all the controls and metering necessary to accurately set the temperature of the glow wire. The wire current is continuously variable by means of the panel-mounted controller and is monitored by the built-in ammeter.
- A digital temperature indicator is fitted which, in conjunction with the thermocouple supplied, accurately measures the glow wire temperature. The electrical circuit of the control unit is fully protected by fuses and a miniature circuit breaker and incorporates mains on/off switching and push button control of the output current. Self contained cabinet with large viewing window and dark colored interior.

Technical parameters

Glow wire diameter	4mm±0.04mmNi/Cr(80/20)
Temperature range	500 ~ 750°C±10°C; 750 ~ 960°C±15°C
Thermocouple diameter	0.5mm Type K (Ni/Cr - Ni/Al), armored sheath can withstand temperature-40~1100°C
Searing Time	30s±0.1s (OMRON H5CN-XAN-Z digital timer, 0-9999s, preset table)
Light-off Time	0-999.9 s ± 0.1 s, automatic recording, manual timeout
Fire out time	0-999.9 s ± 0.1 s, automatic recording, manual timeout
Ironing into depth	7mm ± 0.5 mm
Sample pressure	1N ± 0.2 N
Test speed	18±3mm/s
Test background	black background
Test process automatic control	independent convulsions
Chamber	≥0.5m
Control Using single chip microcomputer	+ touch screen control
Power Supply	AC 220V, 50Hz



Standards

IEC60695 - 2 - 10 / 11 / 12 / 13、IEC60884-1、IEC60335-1、VDE0620