

HAL & HAL SCAN

PROGRAMMABLE HIPOT/FLASH & IR TESTER

The HAL offers simple straightforward operation in a factory test or lab / compliance environment. Providing simple manual testing or complete automated operation, equipment can be tested quickly and safely with the minimum of fuss.

Need to maintain test results and prove traceability? The HAL does that too. It will even bar-code scan the equipment under test and produce result labels, making the whole test process accurate, efficient and fast.

Need to Flash at more than one point? HAL SCAN, with its 5 output ports provides the answer



FEATURES

- ✓ Meets International and National safety standards for Flash testing
- ✓ 5 outputs, enabling testing at up to 5 different points or multiple product tests (HAL Scan only)
- ✓ Saves test results electronically and to a printer
- ✓ Provides bar-code read facility for control of inventory
- ✓ Meets requirements for traceability of equipment and results
- ✓ Fast automatic production testing using sequence capability
- ✓ Single button operation with simple PASS/FAIL indication
- ✓ High performance, ideal in a lab environment for compliance testing
- ✓ Multiple language capability
- ✓ Electrically isolated outputs provide maximum protection for the user and safe environment
- ✓ Low cost

SPECIFICATIONS

AC FLASH TEST	
Voltage Range:	0.100 – 5.000kV, 10v steps
Maximum Output Current:	20mA @5kV 50/60 Hz Selectable
Display Current Range:	0.01 – 20.00mA
DC FLASH TEST	
Voltage Range:	0.100 – 6.000kV, 10v steps
Maximum Output Current:	10mA @ 6kV
Display Current Range:	0.01 – 10.00mA
INSULATION RESISTANCE	
DC Output Voltage:	250, 500 OR 1000V selectable or fully adjustable from 10 – 1000V
Resistance Ranges Measurement:	0.1 – 100.0MΩ 100 M – 1GΩ
ARC DETECTION	
Detect Current:	10 Levels
FEATURES	
Electronic storage of test results	Yes
Test sequences	Predefined and Custom
Visual alarm	Yes
Audible alarm	Yes
EXTERNAL CONNECTIONS	
Printer	RS-232
PC	RS-232
Beacon	Yes
Guard Switch	3-pin
PLC	Dual 3-pin
ENVIRONMENT	
Dimensions	370 x 300 x 204mm
Weight	12kg approx.
Supply Voltage	115/230v 50/60Hz
EN50191 compliant	Yes

ORDER CODES

HAL H101	Supplied with; 03919/2 HT Probe, H-5003 HT Clip Lead, CON 965/LINK Guard Plug, Instruction Manual and Mains Lead
HAL SCAN H102	Supplied with: 10 off H-5003 HT Clip Lead, CON 965/LINK Guard Plug, Instruction Manual and Mains Lead

RECOMMENDED ACCESSORIES

194A922	Barcode Scanner
C3	Data Cable
312A950	Desk Test n Tag Printer
PLS001	Industrial Label Printer
V242	Calibration Check Unit
H-5009-country*	Class I Output Socket Box with User Definable Socket
H-5022-country*	Class II Output Socket Box with User Definable Socket
DCS317	Guard Switch

*Please name the country in which the tester will be used