

Leak Testers

HS Series HS 803 & HS 804_EL

HIGH PRECISION | EASY TO USE | VERSATILE



Differential, Pressure drop measurement



Our indigenously developed Leak Testers are based on the principle of differential pressure measurement and pressure drop measurement.

Our standard Leak Test Instruments with specially designed fixtures and sealing mechanisms using the in house design facilities to provide the best solution to suit the specification. This Test Machine capability is enhanced by our experience in automated production line equipment and process automation resulting in a complete service to industry.

Our Next generation Electronic Leak Tester is excellent achievement in traditional Leak Testing and best solution for any automated systems . Each equipment is equipped with colour Touch Screen allowed for better visibility , data storage through USB Stick and user friendliness .

Applications : • Aerospace • Automotive • Household Appliances
• Foundry • Valves • Brakes • Refrigeration • Medical
• Gas • Cylinders • Heating, etc.

Salient Features :

Pressure Range : 0.1 to 12 bar

Resolution : 1 Pa, 0.1 Pa

RS 485

4.3" Touch Panel

Password Protected

Selectable Various Pressure Unit

Selectable Leak Unit

Manual or Electronic Regulator

Prefill Arrangement for Large Volumes

Graphical Presentaion on Display

100 Selectable Tables

S-Tech Automation Systems

Leak and Flow Testing Equipments

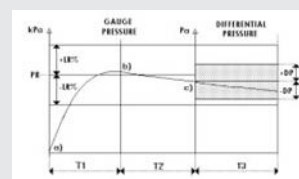
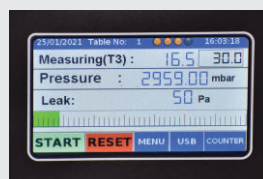
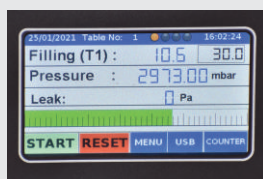
Specifications :

Pre Requisite	:	Air Quality ISO 8753-1, Oil free, Dew point - 40 degree
Power Supply	:	230 VAC +/- 10 % . 50 Hz
Pressure Range	:	0.1 to 12 bar Max. Range : 2, 4, 6, 8, 10, 12 bar
Resolution	:	1 Pa
Pressure Accuracy	:	0.5 %
Pressure Regulator	:	High Precision Manual, Electronic
Display	:	4.3" Touch Screen, Password Protected
Indicators	:	Pass, Fail Lamps on display
Clock	:	Date, Time on front
Programs	:	100 Test Tables Programmable
Pressure Unit	:	Selectable various units :- bar, mbar, kpa, PSI, etc.
Leak Unit	:	Selectable various units :- mbar, pa, pa/sec, cc/min, mbar/sec.
PLC Connections	:	Inputs :- Start, Reset, Table selection Outputs :- Pass, Fail
Data Interfaces	:	RS 485
Cabinet	:	Aluminum Power Coated

Display of Leak Test Operation Phases while in Operation

Leak Testing Phases: FILLING + SETTLING + MEASURING = PASS OR FAIL

Principle of Leak Testing



Results Indicating display

Data Acquisition Interfacing



Models Available For Pressure

For Vacuum

Rear View

- HS 803_EL
- HS 804_EL
- Dimensions : 151 (H) x 252 (W) x 300 (L) mm
: 131 (H) x 252 (W) x 300 (L) mm
- Tube Connections : Dia 6 x 8 / Dia 4 x 6 mm
- Weight : Approx : 6-7 Kg

- HS 303_EL



Note : We reserve the rights to change specifications accordingly to model without any information.