

Micro Tester Module

HS-2N

HIGH PRECISION | EASY TO USE

LOW COST

MINIMAL SIZE



SUITABLE FOR ALL PLC & HMI | PRESSURE DROP MEASUREMENT



HS-2N Pneumatic Micro Tester Modules are designed for automated test machines with allowing external interfacing with all PLC's & HMI

HS-2N can be mounted as close as possible to the test piece to avoid superfluous volumes which in turn allow high speed test with precision accuracy for leak test process.

Salient Features :

Pressure Range : 0.1 to 10 bar

Resolution : 1 Pa

RS 485 / Ethernet

Selectable Various Pressure Unit

Selectable Leak Unit

Single Selectable Table

Applications :

- Aerospace
- Automotive
- Valves
- Household Appliances
- Foundry
- Brakes
- Medical
- Refrigeration
- Gas
- Cylinders
- Heating, etc.



Specifications :

Pre Requisite	:	Air Quality ISO 8573-1, Oil free, Dew point - 40 degree
Power Supply	:	External 24 VDC, 2.5 A max
Pressure Range	:	0.1 to 10 bar
Resolution	:	1 Pa
Pressure Accuracy	:	0.5 %
Pressure Regulator	:	Manual - Externally Needs to Connect
Indicators	:	Pass, Fail, Run Lamps on display
Programs	:	Single Test Table
Pressure Unit	:	Selectable Various Units :- bar, mbar, kpa, PSI, etc.
Leak Unit	:	Selectable Various Units :- pa, pa/sec, cc/min, cc/Hour, ml/min, ml/Hour
PLC Connections	:	Inputs :- Start, Reset, Outputs :- Pass, Fail, Run
Data Interfaces	:	RS 485 / Ethernet
Cabinet	:	Aluminium Powder Coated

Display of Leak Test Operation Phases while in Operation

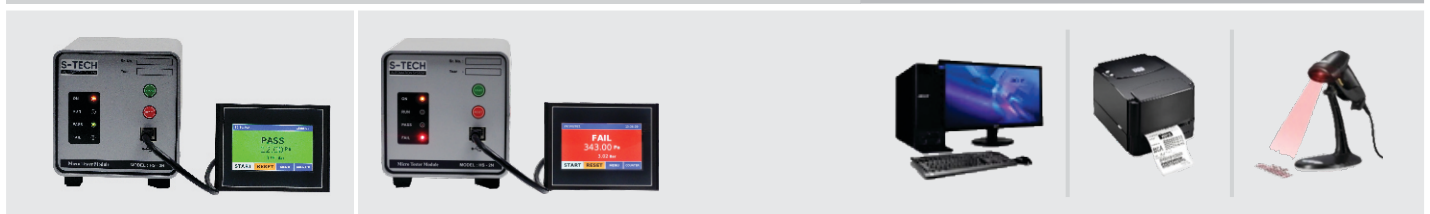
Leak Testing Phases: FILLING + SETTLING + MEASURING = PASS OR FAIL

Principle of Leak Testing



Results Indicating display

Data Acquisition Interfacing



Rear View

Accessories Required :

- Pressure Regulator
- Air Filter & Moisture Separator
- HMI Display :- 4.3" Touch Screen display can be Interface through Ethernet. Necessary Software is optionally available.

- Dimensions : 147 (H) x 147 (W) x 185 (L) mm
- Tube Connections : Dia 6 x 8 / Dia 4 x 6 mm
- Weight : Approx : 2.5 Kg



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