

Innovative & Versatile

MASS AIR FLOW TESTERS



Import substitute
Multi channel test facility
Highly reliable & dependable
Smart pneumatic & electronic circuits
Precision measurement & accurate results

Innovative and Versatile Mass Air Flow Testers



The Mass Air Flow Tester is loaded with advanced features evolved throughout our extensive knowledge and experiences. With an HMI Display, PRC make Mass Air Flow Testers are unparalleled and well suited to test discharge flow and air tightness. The Mass Air Flow Testers are broadly used in Engine Assembly flow test, Flow Test For auto parts and in Gas Equipment flow in various sectors like automotive, engineering & pharmaceutical sectors. Menu driven HMI touch screen with six tabs & online graph plotting facility (X & Y axis) satisfies various customer requirements.

Applications: Engine Assembly Flow Test and blockage percentage, Flow Test For Auto Parts, Gas Equipment Flow, Fuel pipes, Filters etc.

Engineering Parts: Pumps, Valves, Hydraulic & Air Cylinders etc.

Medical Devices: Syringes, Transfusion Tubes, Drug Delivery Devices & Pumps, IV sets, Tubing Sets, etc.

GENERAL FEATURES

- Easy-to-navigate configuration.
- Test pressure and flow can be monitored on the HMI Display .
- Test results analysis available.
- Test results can be easily stored in a USB Memo.
- Flow Optimizer. When the test pressure fluctuates, the flow at the specified test pressure is displayed.

STANDARD FEATURES

Display	Touchscreen HMI Display
Test Reliability	Sensor protection, Blow check
Data Acquisition	Upto 5000 Data can be stored USB can be used for data storage
Data Analysis	Counter, Waveform Display
User Span	Manually entered or automatically setup
EXH Interference Prev	Exhaust timing will be controlled for the cases where multiple cavities are tested at the same time
Digital Filter	For more stable readings with less variation
Equivalent Flow Display	The flow rate when air is flown in an environment of 1 atm at 20 degree Celsius is displayed
Flow Limits	Settable (Low and High)
Optional Features	External Exhaust Valve, Bypass circuit

TECHNICAL SPECIFICATIONS

Display:		Settings & Accessories	
Pressure Media	Air	Port Size	8 mm Pneumatic pipe
Accuracy	± 1.5 % of F.S. (For 0 to 5 and 0 to 50 LPM) ± 2.5 % of F.S. (For 0 to 250 LPM)	System Processor	Micro-controller
Specified Pressure Range	0 to 2 Bar	Serial Communication	RS 232 C
Number of Channels	02	USB Port	Save Data in CSV (Excel Format)
Power Source	220 V AC, 50 HZ +-10% Internal 24 V DC - 4.5 Amps. 5 V DC, 3 Amps. 12 V DC, 1 Amp.	Flow Unit	LPM, LPH, mLPM, mLPS, CCPM
Timer Settings	Through Touchscreen HMI Display	Pressure Unit	Bar, Pascal, KPa, Psi, mmHg
Pressure Source	Clean Air It should be sufficiently higher than the test pressure.	Standard Accessories	Mounting Brackets, Interface Connectors, Power Cord, Inspection Record, Operation Manual
Operating Temperature	5 to 45 Degree Celsius	Resolution Flow	0.01 LPH, 0.1 LPH
Flow Capacity	0 to 10 LPM, 0 to 50 LPM, 0 to 100 LPM, 0 to 150 LPM, 0 to 250 LPM	Graph Plotting	2-D, on X & Y Axis
Humidity	90% RH or less	Process Indication	LED for OK, NG Indication
Weight	Approx. 20 Kg	ADC	24-Bit
		Construction	As per ambient environment, User Friendly

OUR RENOWNED CLIENTS

PRC has a large list of satisfied customers awarding us repeated orders. To name a few,



WE ALSO MANUFACTURE:

- Microcontroller based measurement systems for Load, Pressure, Torque & Displacement, Multifunction Digital Indicators, Weigh Batching Systems, Data Acquisition Systems, Light Testing System. Computerization of Testing Machines, Timers, Production Counter, Impact Tester, Hardness Tester, Sensors.
- Special Purpose Machines .
- We also undertake Design & Development of Customized projects.

“WE build trust everyday by way of manufacturing quality products”

CONTACT US:

Office & Works: Plot No. 27, Sector-8, Phase III, HSIIDC, IMT Manesar, Gurugram-122051, Haryana (India)

Tel.: 0124-2290295, 0124-2290296, +91 9818025096, +91 9968102196

E-mail: info@prcin.com, info.prcin@gmail.com, a.rahim.prc@gmail.com, mnaim1prc@gmail.com

Website: www.prcin.com, Indiamart Catalog: <http://www.indiamart.com/parametric/>