



FEC[®] Air Filter Test Rig

Inlet air cleaning equipment for internal combustion engines and compressors — Performance testing

ISO 5011(E), SAE J726 ISO/TS 19713-Part 1 and Part 2

- * Capacity 1000 CFM 500 mm Suction Pressure
- * Capacity 1500 CFM 650 mm Suction Capacity
- * Capacity 2000 CFM 500 mm Suction Pressure
- * Capacity 2500 CFM 650 mm Suction Capacity
- * Capacity 3000 CFM 800 mm Suction Capacity
- * Dust feeder with on line weighing



Automotive and Industrial Air Filter Test Rig



Visit us : www.fecproduct.com
Ph. no. : +91-9811478874



Test Perform



- Flow/Differential pressure Test
- Dust Holding Capacity (DHC)
- Efficiency and Final Restriction Test
- Fractional Efficiency as per ISO/TS 19713-1&2



This International Standard establishes and specifies uniform test procedures, conditions, equipment, and a Performance report to permit the direct laboratory performance comparison of air cleaners. The basic performance characteristics of greatest interest are air flow restriction or differential pressure, dust Collection efficiency, dust capacity, and oil carry-over on oil bath air cleaners. This test code therefore deals with the Measurement of these parameters.



Equipment Operating Computerised Panel



Visit us : www.fecproduct.com
Ph. no. : +91-9811478874



Air Filter Quality Control Equipment



Equipment Operating Screen

Features of Air Filter Test Rig

- * All Test Rig Will be made From M.S Round Pipe
- * Main Structure made from Square M.S Pipe / Aluminum Extruder Pipe with Automotive paint
- * Air filter test rig adhere on ISO 5011
- * Imported Digital Diff Pressure Mono Meter
- * MS / SS round pipe for main Rig
- * Temperature and Humidity indicator
- * One Set of convergent and divergent unit for Absolute filter Housing
- * Two Nos Butter fly valve for main flow adjust and By Pass Air
- * High Speed Centrifugal blower
- * All Test rig Will be Fitted on a Square MS Base Structure
- * One Nos housing for hold the Absolute filter with clamp
- * Equipment Operated with Scada software or PLC based HMI Operated as per customer requirement
- * By pass Valve and Air flow butter fly valve will be provided
- * Silencer and VFD for low Noise fitted with Blower
- * One Nos Motor make Crompton Greaves / ABB /branded
- * Electric Panel for the above
- * Digital Differential Pressure Indicator
- * Flow sensing Device with sensor
- * Temperature and humidity Sensor
- * Absolute Filter Housing Pneumatic Operated.

Dust Feeder:

- * Pneumatic Operated
- * Special Design for easy to operate
- * On-Line Dust weight process
- * Timer for set the dust feed quantity
- * Tank Capacity more than =2.0 Kg
- * Dust tank Transparent Body for Viewing the quantity of Dust



Visit us : www.fecproduct.com
Ph. no. : +91-9811478874

World Class Air Filter Test Equipment



- 1 Absolute Filter Housing
- 2 Pneumatic Operated Absolute Filter Housing
- 3 Dust Feeder Arrangement With Test Filter Housing
- 4 Ploted Graph Flow v/s Differential Pressure
- 5 Complete Air Filter Testing Arrangement With Operated Panel
- 6 Air Filter Duct With Mounting Frame
- 7 Air Filter Dust Feeder

