



# FEC<sup>®</sup> Air Filter Flat Sheet Media Test Equipment

Applicable Test Standard : As per SAE J 726, ISO 5011, EN-779, Ashre-52.1 & 52.2, ISO 16890, En 1822, VDI, MERV Specification

FEC Offer The Air filter Test rig As per International Standard Capacity Like 1, 5, or 10 CFM to 100 Cfm other lower and higher capacity is also available on customer demand we can test on this equipment Life & Efficiency test, (DHC) Dust holding Capacity, Pressure Restriction Test, Flow v/s Pressure Drop, Reverse Pulse Cleaning, Particle Efficiency, PM 2.5, PM 10, Test Standard.....



## Air Filter Flat Sheet Media Test Equipment

Visitus: [www.fecproduct.com](http://www.fecproduct.com)

Ph.no: 011-47404444/9811478874

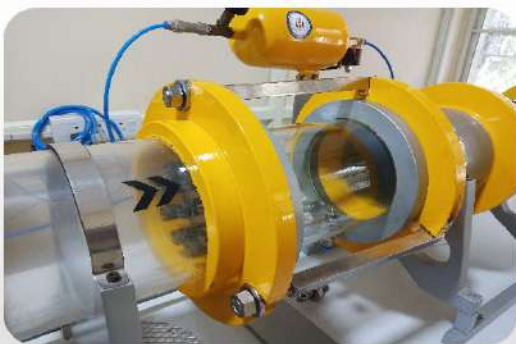
# Test Perfome



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

## Features

Equipment is operating computerized operating with Scada software based operating system, with imported Germany particle particle counter direct reading on Computer screen Like Initial Pressure drop, Final Pressure Drop, Dust Holding capacity, Flow v/s. Pressure Restriction, Particle data, Also can operate Run & Stop of Equipment, Flow Set, Dust Feed, Reverse Cleaning, and see the Data of Dust Feed with Graph, Data with Graph Flow v/s. Pressure Restriction, and particle counter data...



**Equipment Operating Computerised Panel**





# Air Filter Flat Sheet Media Quality Control Equipment



## Equipment Operating Screen

### Technical Specification :

Differential Pressure	: Digital Imported – Made in USA
Flow Rate	: Digital Imported – Made in France
Test aerosol	: Salt Type / PAO / DOP
Particle Counter	: Mini particle counter Attached with 32 Channel
Loading dust	: ASHRAE test dust, ISO 12103-A2 (fine) and, ISO 12103-A4 (coarse)
Filter Media samples	: 200 Cm2
Flat sheet filter media	: Suitable only for R&D (Research and Development of Air Filter Flat sheet media Test )
Air Supply	: Required
Aerosol Generator	: With this equipment
Synthetic Dust Feeder	: Special designed for dispense the synthetic dust
Media Sample Holder	: Pneumatic touch operated

### Dust Feeder Specification :

- \* Pneumatic Operated
- \* Special Design for easy to operate
- \* On-Line Dust weigh process with solenoid valve
- \* Timer for set the dust feed Quantity
- \* Tank synthetic Dust capacity 500 gms.
- \* Dust tank Transparent Body for Viewing the quantity of Dust
- \* Including – Pressure Regulator, Pressure Gauge, Solenoid Valve

### Extra Features :

- \* The Filter Media Samples can be easily installed into the movable pneumatic operated Media Holding Fixture.
- \* The test duct is divided transparent material with and Aluminum Ionized sections and fabricated airproof also reverse pulse cleaning jet technology.
- \* Suction part duct side and blower outside
- \* The pressure measuring facilities in duct section upstream and downstream digital sensor
- \* Flow regulating device on Touch screen / scada computerized operating Panel for set the desired flow during the test.
- \* Flow measuring device imported digital sensor with display will be attached in duct

### Supplied Parts With This Equipment :

- \* Complete Air filter Flat sheet media Test Bench
- \* Operating panel with Scada Software including Computer and CPU with software installed.
- \* Pneumatic Dust Feeder with Transparent synthetic Dust Tank,
- \* Aerosol Generator
- \* Weigh scale least count 0.1 gms
- \* Media Round Sample Cutter 200 cm2 with Rubber Cutting PAD-5 Nos.
- \* Required Tools / Spanners
- \* Warranty Certificate One year.



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# World Class Air Filter Flat Sheet Media Test Equipment

