



Test Master®

World Class Filter Test Lab

Test Master is World's first one stop complete range third party filter testing laboratory as per global filter test standards. Precision-driven filter testing for national and international standards, ensuring reliable results and excellence performance. Trusted solutions for every type of filter and filtration system.



TECHNICAL HIGHLIGHTS >>>

- ✓ Certified Test Laboratory
- ✓ Precision in Accurate Results
- ✓ Comprehensive Reports
- ✓ One Roof to All Types of filters

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Test Master[®]

World Class Filter Test Lab

Automotive Cabin Filter Test Facility

Reference Test Standard

- ✓ CABINFilter Test
- ✓ ISO 11155-Part & Part - 2
- ✓ DIN 71460-Part-1 Part &Part - 2
- ✓ ISO -10121 - Part- 1 &Part - 2
- ✓ Reference Test Standard

We strive to connect filtration innovators, testing labs, and companies to create a stronger, more informed industry community."



CONTACT US

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Test Master®
World Class Filter Test Lab

Filter Test Facility

World Class Third Party Test Facility at Under One Roof
in Test Master, New Dehli North India.

- Air Filter
- Fuel Filter
- Oil Filter
- Hydraulic Filter
- Cabin Air Filter
- Water Filter
- Railway Filter
- HVAC Air Filter



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Automotive Oil Filter Test Facility



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ISO 45481, 2, 3, 4, 5, 6, 7, 9, 11, 12, 13, 14, 15

JIS D-1611, ISO 16889

SAE HS-806, KS 293

Oil filter efficiency testing

Flow rate & pressure drop measurement

Dirt holding capacity analysis

Bypass valve performance testing

Endurance & life cycle testing

Accurate, repeatable & reliable results

Designed as per automotive & OEM standards



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World Class Filter Test Lab

Automotive and Industrial Cabin Air Filter Test Facility

(Particulate and Gaseous Filtration)

Reference Test Standard

- ✓ CABIN Air Filter Test
- ✓ ISO 11155-Part & Part - 2
- ✓ DIN 71460-Part -1 Part &Part - 2
- ✓ ISO10121 - Part 1 & Part - 2

Particulate Air filtration measurement of fractional Efficiency
Airflow resistance & pressure drop analysis
Performance testing as per OEM & automotive standards
Accurate, reliable & repeatable test results





HVAC Air Filter Test Facility



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ISO 16890/IS 17570,
BS/EN 779, ASHRAE 52.2
EN/1822, 1,2,3,4 ISO 29463-1,2,3,4,5,
ISO 10121-Part1 & Part-2
BS/EN13030

HVAC air filter performance testing
Dust & particulate filtration efficiency measurement
Airflow & pressure drop analysis
Leak detection & quality verification
Testing as per HVAC & industry standards
Suitable for residential & commercial HVAC systems



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Filter Flat Sheet Media and Other Important Test Facility

Compressed Air Filter Test Facility
(Reference Test Standard: BS/ISO 12500)

BS ISO 12500-1: OIL Aerosol (Pressure Drop and Determination Oil Concentration Test)
BS ISO 12500-2: OIL Vapour (Pressure Drop and Determination Oil Concentration Test)
BS ISO 12500-3: Particulates (Pressure Drop and Particulate Collection Efficiency Test)
BS ISO 12500-4: Water (Air Flow and Water Removal Efficiency Test)

Flat Sheet Filtration Media Test
Reference Test Standard: -

- | | |
|-----------------------------|---------------------------------|
| 1. Air Flow Resistance Test | 2. Pore Size Determination Test |
| 3. Burst Strength Test | 4. Tensile Strength Test |
| 5. Tearing Strength Test | 6. Thickness Test |
| 7. Choking life Test | 8. GSM Test |
| 9. Flammability Test | 10. Water Resistance Test |

- . Retentivity to Particle in Air Test
- . Retentivity to Particle in Liquid Test
- . Water Filtration Time
- . Particulate Fuel Filtration Test as per ISO 19438
- . Particulate OIL Filtration Test as per ISO 4548-12



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World Class Filter Test Lab

Automotive and Industrial Fuel Filter Test Facility

ISO 4020-6.1, 6.2, 6.3, 6.4, 6.5, 6.6,
ISO 19438, IS 3351
JIS D1617, SAE J 905
KS 334, SAE J 1985

Filter efficiency & dirt holding capacity testing
Flow rate & pressure drop measurement
Contamination & particle removal analysis
Endurance & performance validation
Testing as per automotive & OEM standards
Accurate, reliable & repeatable test result



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World Class Filter Test Lab

Automotive and Industrial Air Filter Test Facility

- ISO 5011 - (Engine Air Filter Test)
- ISO 19713 Part 1 & Part 2
- SAE J 726, K 529 4
- JIS D 1611, GSO 11841,

An Air Filter Test Rig designed according to ISO 5011 and SAE J726 provides a standardized and reliable method for evaluating air filter performance. It plays a vital role in quality control, product development, and certification of air filters used in automotive and industrial applications.



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World Class Filter Test Lab

RO / Industrial and Water Filter Test

- Pressure Differential v/s Flow rate (Ref. Test Standard ASTM-1795-88)
- Dust Holding Capacity (DHC) (Ref. Test Standard ASTM-f795-88)
- Verification of Collapse rating - As per ISO 2941 Details of test parameters are as below:
- First Bubble point to check Filter Element fabrication integrity - As per ISO 2942
- Filter efficiency (Multipass Test) Using Particle Counter) As per ISO 16889/ASTM-1795-88
- Determination of Resistance to Flow Fatigue using particulate contamination - As per ISO3724
- Determination of water absorption - As per IS 13360 - 8
- End load rating of filter - As per IS 8386
- Effects of Acid As per IS 13360-8
- Effects of Alkali As per IS 13360-8
- Effects of DM As per IS 13360-8



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Filter, Filtration Media and Related Tests

(Cabin Filter, Filtration Media, Other Related Tests.)

- Filtration media is the material that actually traps contaminants
- Types: Sand, activated carbon, paper, fabric, membrane, fiber
- Choice of media depends on particle size and application
- Good media = better efficiency & longer filter life



Compressed Air/Filter Test - ISO 12500 - Part -1,2, 3, 4
Air Purifier Test As Per AHAM - AC - 1 Test Standard (CADR Test)
Cab classification Test BS / EN 15695 Part - 1 & Part - 2

Other Testing Of Filter Material And Cabin Filter, MIL Standard 8815
Evaluation Of Action Microorganism DIN EN ISO 846 Determination Of The
Fogging characteristics DIN 75201
Thermal Cyclic and Heat Ageing ES - W 60210 Flammability Of Interior
Material ES - X 60410
Determination Of Odour Characteristics VDA 270
Flammability Test FMVSS 302



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