PRODUCT DATASHEET

# Engine Air Filter Test Stand (ISO 5011)

Restriction, dust capacity and efficiency of engine and compressor intake air cleaners

Product page





Close-up: air cleaner under test with the restriction transmitter and dust inlet

## OVERVIEW

The Tech Inc. Engine Air Filter Test Stand (ISO 5011) tests the air cleaners that protect engines and compressors.

## TYPICAL DESIGN DATA

| | |
|---|---|
| **Test method** | ISO 5011:2025 |
| **Test dust** | ISO 12103-1 A2 (fine) and A4 (coarse) test dusts, fed by the dust feeder |
| **Results** | Restriction against flow, restriction against dust fed, dust capacity and gravimetric efficiency, with reports |
| **Codes and standards** | ISO 5011:2025, ISO 12103-1; CE marking |
| **Air flow** | Measured in the flow section and set by the variable-speed fan |
| **Weighing** | Analytical balance for absolute filters and elements |
| **Duct** | Stainless steel round duct with flanged joints on painted steel stands |

## MODELS AND CAPACITIES

- **TI-EAF-S** – stand for light vehicle and small engine air cleaners
- **TI-EAF-L** – stand for heavy-duty, generator and compressor air cleaners

Stands are built to the air flows of the air cleaners you test.

## ORDERING CODE

Example **TI-EAF-L**: **L** size: S light vehicle and small engine, L heavy-duty and compressor.

## SCOPE OF SUPPLY

**Included:** factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** humidity and temperature control of the inlet air; second dust feeder; pulse-cleaning test for self-cleaning air cleaners.

## KEY ADVANTAGES

- **Standard method** – ISO 5011 tests on one stand
- **Gravimetric results** – absolute filter weighed on the balance
- **Dust fed evenly** – metering dust feeder
- **Sized to your filters** – air flow range built to order

**Designed and built by Tech Inc.** · **Part of the Davey Group since 1990**

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