PRODUCT DATASHEET

Cleanable Filter Media Test Rig (ISO 11057, VDI 3926)

Pulse-jet cleaning, pressure drop and emission tests of cleanable filter media

Product page





Close-up: media sample holder with the pulse tank and clean-gas line

OVERVIEW

The Tech Inc. Cleanable Filter Media Test Rig (ISO 11057, VDI 3926) tests the media used in baghouses and pulse-jet cartridge collectors. A sample of media is mounted in the holder; dusty air flows through it until the pressure drop reaches a set value, and a compressed-air pulse cleans it.

TYPICAL DESIGN DATA

Test methods	ISO 11057:2011; VDI 3926
Phases	Initial, ageing and stabilised phases with pulse-jet cleaning at a set pressure drop or time
Results	Pressure drop before and after cleaning, cycle times, residual pressure drop and dust emission, with reports
Codes and standards	ISO 11057:2011, VDI 3926; CE marking
Dust	Test dust fed at a set concentration by the dust feeder
Cleaning	Pulse tank pressure and valve opening time set in the software
Control	PLC with touch-screen HMI and test software

MODELS AND CAPACITIES

- **TI-CFM** – media test rig with one sample holder
- **TI-CFM-2** – rig with two holders for side-by-side comparison

Rigs are built to the media and dusts you test.

ORDERING CODE

Example **TI-CFM-2**: **2** number of sample holders (omit for one).

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** second sample holder; online dust monitor in the clean gas; heated raw-gas channel; installation, commissioning and operator training.

KEY ADVANTAGES

- **Standard methods** – ISO 11057 and VDI 3926
- **Emission measured** – clean-gas absolute filter
- **All three phases** – initial, ageing and stabilised
- **Cleaning set by you** – pulse pressure and timing adjustable

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

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