



# Testband

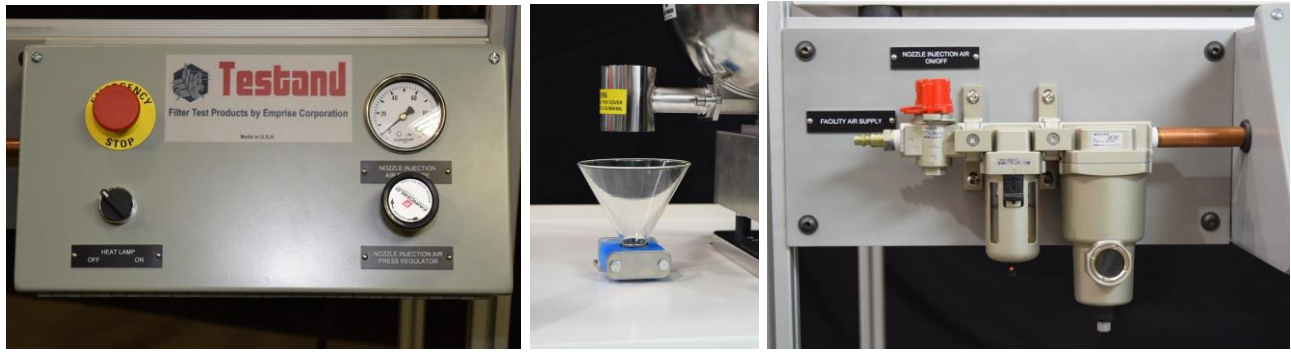
Filter Test Products by Emprise Corporation

## DF5011 Dust Feeder System For ISO 5011:2014 and SAE J726 air filter testing.

The DF5011 Dust Feeder System is designed specifically for automated air filter test systems used for product development and quality audit using ISO 5011 and SAE J725 gravimetric test methods. The precision weigh scale and variable speed auger provide continuous closed loop control of the gravimetric feed rate. The system can operate stand-a-alone or be interfaced with existing test stand controls for automated start, stop and rate controls.



The dust feeder enclosure has a small footprint and includes castors making it easy to fit into your test lab.



## Specifications

### Feed Range:

- 2-120 g/min for ISO 12103-A2 (fine) & -A4 (course) test dust
- Feed range based on ISO 5011 required concentration of 1g/m<sup>3</sup> for single stage filters and 2 g/m<sup>3</sup> for multistage filters
- Other ranges are available- consult Emprise

### Feed Material:

- ISO 12103-A2 (fine) test dust, 900 kg/m<sup>3</sup>
- ISO 12103-A4 (course) test dust, 1200 kg/m<sup>3</sup>

### User Interface Controls:

- Alphanumeric LCD touchscreen/keypad
- Discrete and RS232. Optional bus protocols available

### Enclosure:

- Extruded aluminum frame with clear polycarbonate enclosure
- 150w heat lamp
- Locking castors
- 35" w x 31" d x 78" h (890 x 785 x 1980mm)

### Utility Requirements:

Electrical: 120 Vac, 3ph, 60 Hz, 15 Amps (optional international voltages available)  
 Compressed Air: 20 SCFM at 90 psig (34 std m<sup>3</sup>/hr @ 620 kPa)

Consult Emprise for options or custom features.  
 Turn-key installation and on-site training are available.

Specifications are subject to change without notice.  
 Emprise Corporation's Standard Terms & Conditions of Sale apply.



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