

# SOLID PARTICULATE POLLUTANT TESTER FOR JET FUEL



# Solid Particulate Pollutant Tester for Jet fuel TT-2276

Solid Particulate Pollutant Tester for Jet Fuel TT-2276 adheres to the ASTM D2276 Standard Test Method for Particulate Contaminant in Aviation Fuel by Line Sampling.

Solid Particulate Pollutant Tester for Jet fuel TT-2276 delivers a gravimetric assessment of particulate matter within a sample of aviation turbine fuel through line sampling. The goal is to reduce these contaminants to prevent filter clogging and other operational issues. It serves the purpose of testing particulate contaminant levels in aviation turbine fuel using a field monitor.

## APPLICATIONS

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The primary application of this tester is to perform a gravimetric assessment of particulate matter in aviation turbine fuel, in compliance with the ASTM D2276 standard.

It is specifically used for:

- Testing the level of particulate contaminants in aviation turbine fuel using a field monitor and line sampling.
- Monitoring contaminants to prevent filter clogging and other operational issues in aviation fuel systems.

## FEATURES

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1. The instrument's filter unit is constructed with a glass sand core, providing clear and distinct experimental results.
2. The base of the apparatus is crafted from stainless steel, offering excellent corrosion resistance.

3. Displayed on the apparatus are pressure gauge readings, with pressure regulation controlled by a needle valve for ease of use and intuitive operation.
4. Equipped with a vacuum pump, the apparatus processes small and lightweight materials with low noise, ensuring ease of use, safety, and reliability.
5. With a rational design, appealing appearance, and environmentally friendly features, the apparatus presents an attractive option for users.

## **TECHNICAL SPECIFICATIONS**

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1. Rated voltage: AC220V  $\pm$  10%, 50Hz (110V also available)
2. Power: 250W
3. Pressure display: 0~0.1 MPa
4. Glass sand core filter: 5L
5. Filter film sheet:  $\leq$ 0.1g, 0.8 $\mu$ m
6. Limit negative pressure value:  $\geq$ 0.09 MPa
7. Adjustment range: 0.02MPa ~ 0.09MPa
8. Exhaust rate: >20L/min
9. Solvent bottle: 500ml
10. Ambient requirements: Temperature: 10~40°C; Humidity  $\leq$  85%



**Torontech Inc.**

251 Consumers Road, Suite 1200  
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652  
Email: [info@torontech.com](mailto:info@torontech.com)

**Torontech, LLC**

601 Brickell Key Drive, Suite 700  
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919  
Email: [sales@torontech.com](mailto:sales@torontech.com)

**Torontech ME FZE**

Meydan Grandstand, 6th Floor,  
Meydan Road, Nad Al Sheba,  
Dubai-261440, UAE 

Phone: +971 488 19252  
Email: [me@torontech.com](mailto:me@torontech.com)

