

PARTICULATE CONTAMINANT IN AVIATION FUEL BY LINE SAMPLING ANALYZER



Particulate Contaminant In Aviation Fuel By Line Sampling Analyzer TT-2276

Particulate Contaminant In Aviation Fuel By Line Sampling Apparatus provides a gravimetric analysis of particulate matter in aviation turbine fuel through line sampling. Its primary purpose is to reduce contaminants, preventing filter blockage and operational issues. While acceptable contamination levels have not been universally defined across fuel distribution systems, measuring total particulate matter remains a critical focus.

The TT-2276 Solid Particulate Pollutant Tester for Jet Fuel adheres to the ASTM D2276 Standard Test Method for Particulate Contaminants in Aviation Fuel by Line Sampling. It is designed to assess particulate contaminants in aviation turbine fuel using a field monitor, ensuring cleaner and more efficient fuel system operations.

APPLICATIONS

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

It is specifically used for:

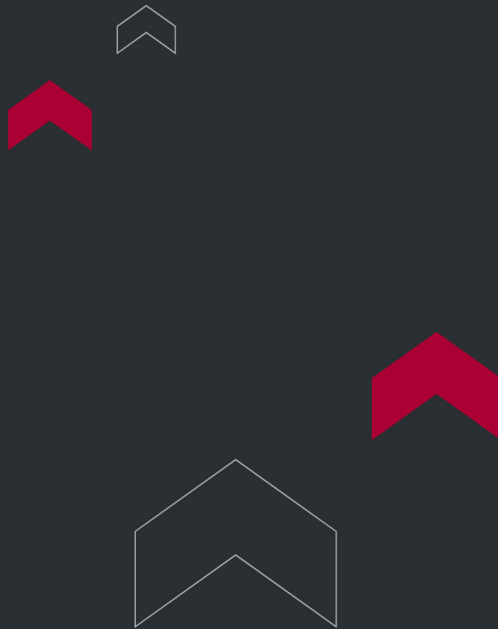
- Assessing the level of particulate contaminants in aviation turbine fuel using a field monitor and line sampling.
- Monitoring and reducing contaminants to prevent filter blockage and other operational issues in fuel systems.

FEATURES

- The filter unit of the Particulate Contaminant In Aviation Fuel by Line Sampling Analyzer features a glass sand core, delivering clear and accurate experimental results.
- The apparatus base is constructed from stainless steel, offering excellent corrosion resistance.
- The display includes a pressure gauge and a pressure regulator with needle valve control, providing straightforward and intuitive operation.
- Equipped with a lightweight, compact vacuum pump, the apparatus operates with low noise and ensures safe, reliable performance.
- It features a thoughtful design with an attractive, eco-friendly appearance.

TECHNICAL SPECIFICATIONS

1. Rated voltage: AC220V $\pm$ 10% 50Hz (110V is also available)
2. Power: 250W
3. Pressure display: 0~ 0.1 MPa
4. Glass sand core filter: 5L
5. Filter film sheet: 0.8 μ m $\leq$ 0.1g
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%



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