

Threat Block™ Gas Filter Analyzer

Product Specifications

Threat Block™ gas filter analyzer is a unique combination of hardware and software used to determine the adsorption capacity of activated carbon filters such as those used in Heating, Ventilation and Air Conditioning (HVAC) systems. If the adsorption capacity of fresh adsorbents is known, the effective lifetime of used adsorbents can be determined by the Threat Block™ gas filter analyzer. The adsorption capacity of fresh adsorbents can be obtained from the manufacturer's data or determined by using the Threat Block™ gas filter analyzer.

The Threat Block™ gas filter analyzer system requires nitrogen gas [greater than 100 pounds per square inch (psi)], Threat Block™ main body, and computer with control software. The user needs to supply the nitrogen gas and computer.

The Threat Block™ gas filter analyzer uses 110 VAC (less than 5 A) or 220 VAC, upon request before making an order.

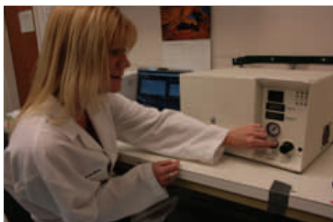
The Threat Block™ gas filter analyzer will consume nitrogen gas at a rate of 4 Liters per minute. A 77 to 80 ft³ tank of compressed nitrogen gas pressurized to 2000 pounds per square inch (psi) can analyze 3 fresh canisters and more than 3 used canisters. The compressed gas tank weighs about 70 pounds. A 304 ft³ compressed nitrogen tank pressurized to 2640 psi can be used to analyze more than 11 canisters. This tank weighs 164 pounds.

The size of Threat Block™ gas filter analyzer is 18.3" (W) x 14.7" (D) x 10.7" (H).

The weight of Threat Block™ gas filter analyzer is 32.0 pounds.

Threat Block™ Gas Filter Analyzer Software 2.1 Features

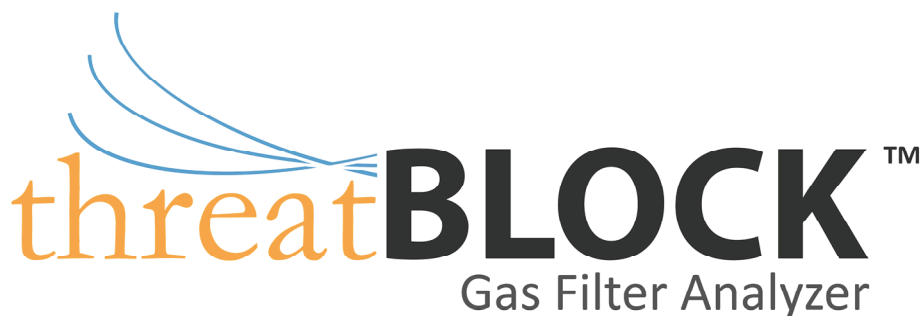
- Method Selection
- Data Acquisition
- Data Processing
- Report Generation



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