

# Automated Filter Testers

## Models 8130A & 8130A-EN

Filter testers for commercial respirator and military mask testing.

The Automated Filter Tester 8130A continues to be the best solution for testing particulate respirator filters, disposable filtering facepieces, and a wide assortment of filter media. The tester provides measurements of filter penetration and filter pressure drop for the media (or finished filter) under initial or loading test conditions. It has a high degree of automation and self-diagnostics that greatly simplify operation, increase throughput, and improve overall measurement performance. The built-in capability to test with salt and oil means that just one unit is needed to test your product to: US 42 CFR 84, GB2626, JMOL, ISO 16900-3, EN 143, EN 13274-7, ISO 23328-1 and more.



## Model 8150

Taking high performance from the lab to the production line.

The Automated Filter Tester 8150 is designed for 100% quality assurance testing of P100, FFP3 and P3 and similar respiratory filters and cartridges directly in the production line. Applications include detecting defects from the manufacturing process such as cracks in filter media pleats, gaps in the adhesive or assembly defects, or media that does not meet performance specifications. While optimized for high-volume throughput and around-the-clock remote operation, the model 8150 also provides penetration measurement results matching those provided by the well-established 8130A used in the quality control lab. The 8150 is a highly compact automated filter tester that can easily be retrofitted into any existing production line.

The model 8150 complies with standards such as NIOSH 42 CFR 84 and EN143/EN149.

The Production Line Simulator 8150-PLS enables the Automated Filter Tester 8150 to be operated outside of the production line environment for maintenance, troubleshooting, or determination of optimal settings during process characterization.



### 8150 Accessory (available separately)

Specify	Description
8150-PLS	Production Line Simulator (PLS)