

What is a Filter Tester?

The Micropure Filter Tester was developed to provide a quick “go, no-go” aerosol test to determine filter cartridge integrity. Its compact size makes it portable and easy to handle at virtually any plant size.

Why you need a filter cartridge tester

To insure your filter cartridges are intact and are providing the necessary sterile filtration your application requires. Micropure Filter Testers provide an enhanced visual test that will show cartridge degradation far better than a simple visual inspection. By providing a better method of monitoring filter cartridge integrity and performance, filter testers help ensure the quality and safety of your product.

How the Micropure Filter Tester Works:

The Micropure Filter Tester is designed to accept a wide variety of filter cartridges, including all Micropure segmented filters. Applicators are available to fit other manufacturer’s filters. The cartridge to be tested is inserted into the top opening and secured. A timer is then activated which causes the tester to heat a non-toxic paraffin which generates an aerosol smoke. Aerosol particle size range is 2 to 10 micron. This Aerosol is applied under pressure to the center of the cartridge being tested. An automatic timer allows the user to establish the proper amount of time to test each cartridge. The Aerosol quickly penetrates even the smallest leak in the filter which provides immediate visual confirmation. If no aerosol appears, the cartridge is intact and can be sterilized and put back into service.

Depending on the size of the cartridge, testing can be successfully completed in 1 to 2 minutes. The test does not require a trained technician: Plant personnel responsible for the filter can successfully use the Filter Tester with a high level of confidence.

Designed for a wide range of applications with these outstanding features:

- **Fast, Reliable Sterile Cartridge Testing**
 - test all Micropure cartridges
 - adapts to any cartridge filter with use of adapter
 - test takes less than 2 minutes
 - particle size from 2-10 micron
- **Easy to Use Design**
 - simple procedure and designs
 - plant personnel responsible for filter can run test
 - visual “go, no-go” result
- **Durable, Portable Construction**
 - portable design for convenient on-site testing
 - lightweight, only 16 lbs.
 - rigged enclosure, shock mounted components
 - operates on 110V, 300 watt electricity

Technical Data

Dimensions	12” x 10” x 8”
Weight	16 lbs
Operating Current	110 V/60 Hz
Power Consumption	300 watts
Connection Point	Adapts to multiple connection styles
Maximum test pressure	10 psig



777 East 82nd Street Cleveland Ohio 44103

(800)654-7873 (952)472-2323 Fax: (216)361-0500

tsenney@micropure.com Web: www.micropure.com

