



Lab Testing

Liquid-Solids Separation and Filtration Testing in Our Lab

Steri Technologies has been a leading manufacturer of FUNDA pressure leaf filters, CANDLE filters and ZWAG Nutsche technology for over twenty years.

We now offer testing of your product in our laboratory. We have several small-scale filters in our lab that enable us to test various filter media and filter-aids to determine the most efficient filtration process for your product.



What type of materials can I send to Steri?

We can accept any non-hazardous, environmentally-friendly liquid materials.

Can I send oily, viscous or gummy materials for testing?

Yes. These fluids can be heated using heat exchangers, allowing us to handle a wide range of process parameters to accommodate challenging applications.

How much product do I need to get good results?

Generally 55 gallons is satisfactory, but even as little 15 gallons can show how our filters can work for you.

Can I witness the test?

Of course! Our clients, and potential clients, may come visit us at any time.

How much does this cost?

Test Preparation and Equipment Set-up	\$2,550.00
Testing Includes Equipment and Technician	\$1,275.00/day
Test Report Documentation	\$650.00 — optional

Can my lab testing costs be applied to the purchase price of a filtration system?

Yes. Our lab testing is eligible for our "Try and Buy" Program. The testing costs can be used as a down payment on the overall purchase price of a full-scale filtration system. In order to take advantage of this offer, your new system must be ordered within one year from the start of testing.

How long does the lab testing take?

Within three weeks of Steri receiving the sample product you can expect to have testing results and recommendations.

Does Steri offer pre-feasibility testing to determine which filtration technology works best for my application?

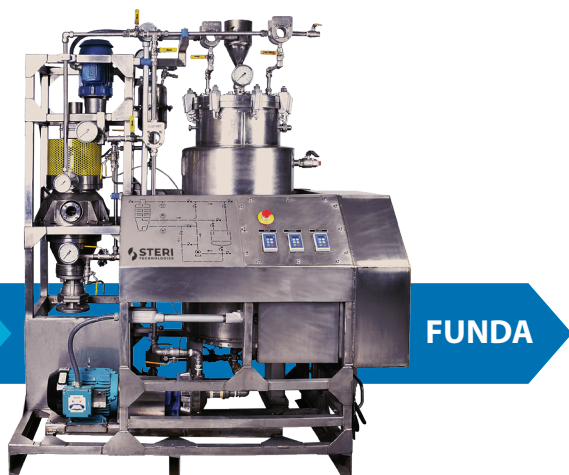
Yes. We use a small bench-top .0005m² ZWAG filter for our pre-feasibility testing. This setup enables us to conduct small-scale tests to identify the most suitable filtration method for your specific needs. Plus, we offer this as a free trial!

When can I start?

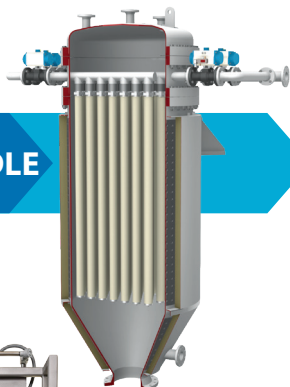
Call us today. We can start your test in as little as two weeks.

Liquid-Solids Separation and Filtration Testing in Your Facility Using Our Small-Scale Rental Units

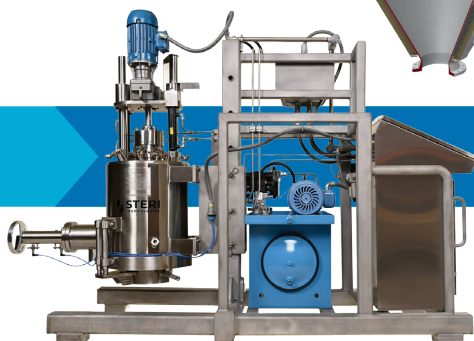
Can't come to us? Let us come to you! Steri Technologies has several small-scale filters available as rental units for on-site testing.



FUNDA



CANDLE



ZWAG

Scaled-down and self-contained, these skid-mounted versions of our FUNDA pressure leaf filters, CANDLE filters and ZWAG Nutsche filters can be rented for in-plant testing.

What filters are available as rentals?

FUNDA: 0.06m² (0.6ft²) Stainless Steel

0.11m² (1.2ft²) Stainless Steel

0.25m² (2.7ft²) Stainless Steel

Includes filter; pre-coat tank; circulation pump; control panel; and all internal piping, gauges and valves.

Larger refurbished FUNDA sizes available upon request.

Candle: Funda rental units can also be converted into candle filters, maintaining the same filtration area.

ZWAG: 0.1m² (1.1ft²) 316L SS: includes jacketed vessel and bottom plate; unheated, electrically-driven agitator with mechanical seal; fixed side discharge port; and control panel.

0.5m² (5.4ft²) Hastelloy C-22: includes heated, hydraulically-driven agitator with double mechanical seal; swing away side discharge port; hydraulic power unit; and control panel.

0.5m² (5.4ft²) Hastelloy C-276: includes unheated, hydraulically-driven agitator with stuffing box seal; fixed side discharge port; hydraulic power unit; and control panel.

Small ZWAG available for pilot testing — 50cm² and 250cm².

Does Steri support installation and set-up?

Yes. We will send a technician to your facility to get your test up and running quickly.

How much does this cost?

Rental Fee	\$1,000.00 to \$3,200.00/week — Fee is based on size of unit — 4 weeks minimum
Field Technician Rate	\$1,650.00/day — 1 day minimum plus per diem
Test Report Documentation	\$650.00 — optional

Can the rental costs be applied to the purchase price of a full-scale filtration system?

Yes. These rentals are also eligible for our "Try and Buy" Program. This means that if you decide to buy a full-scale filtration system, a portion of the rental charges will be credited toward the purchase price. In order to take advantage of this offer, your new system must be ordered within one year from the start of the rental.

Can Steri also supply utility equipment?

Yes. We can provide heating/cooling units, vacuum/solvent recovery, mixing tanks, and other utility equipment.

I'm interested in a rental unit. What's the next step?

Call us today. We'll walk you through the process and get you started.

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