

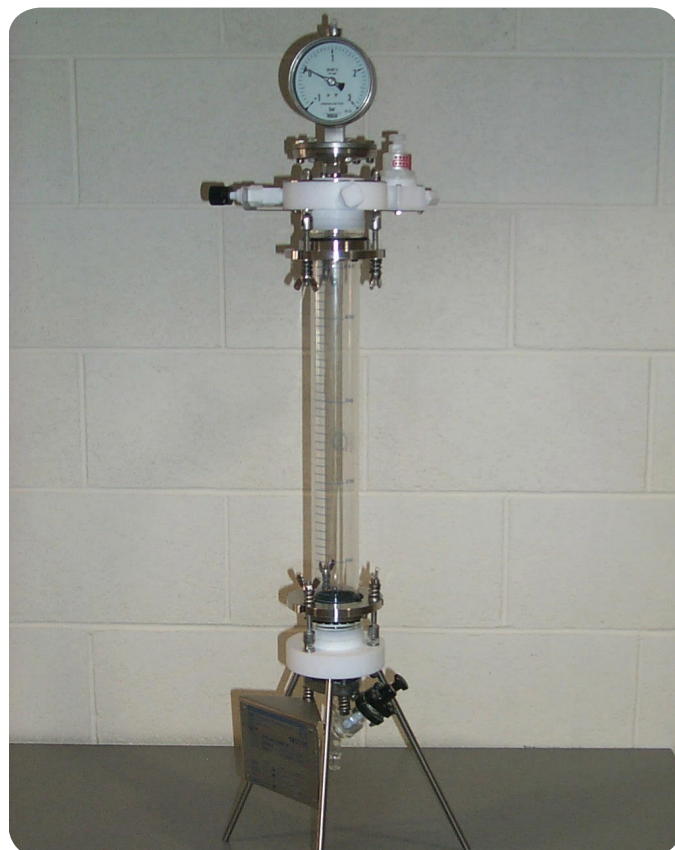


### Product Description

For chemical and pharmaceutical companies, optimizing a process can be expensive and time consuming. The Pocket Filter solves this problem by performing fast, safe demonstrations and tests of filtration, washing and drying, allowing customers to make smarter, more cost effective, scale-up choices.

### FEATURES

- **Mobility** – Small and easy to transport, you always have the right tool in the right place.
- **Laboratory Tests** - The Pocket Filter kit contains all you need to perform laboratory tests simply and safely.
  - Filtering tests: The Pocket Filter performs pressure and vacuum filtration testing. The tests yield a filtration rate and cake depth as well as the optimizing of filtration pressure, filter media and filtration time.
  - Washing tests: Demonstrate the relative efficiencies of displacement versus reslurry washing.
  - Drying tests: Measure the feasibility of vacuum and pressure gas drying while circulating hot fluid throughout the jacket.
- **New Application Data** - The Pocket Filter gives you daily support in the laboratory and provides valuable data for any new application before it is tried at full scale.
- **Full-Scale Options** - The Pocket Filter allows you to examine the effect on your filtration rate (and therefore your batch time) of varying pressures and different types of filter media, such as cloth versus sintered metal, or micron rating. Determining the optimum solution on the bench-top is far easier than in the midst of a full-scale production campaign!
- **Process Optimization** - Test data are frequently the basis for process improvements.
- **Cost Effective** - With a minimum of investment you obtain data which lead quickly and safely to the best solution.





# ROSENMUND



## THE 0.002m<sup>2</sup> POCKET FILTER LABORATORY TEST NUTSCHE

### SPECIFICATIONS

#### Materials

- Available in 316 L Stainless Steel, Alloy C-22 and Borosilicate Glass with Sectrans Coating.

#### Features

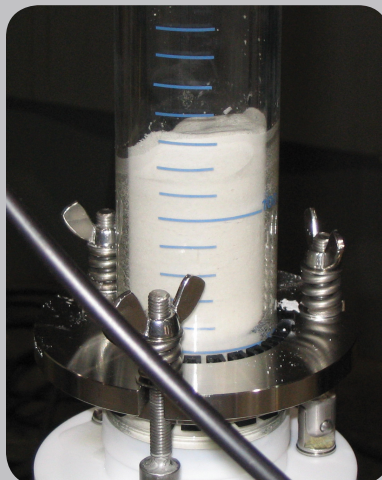
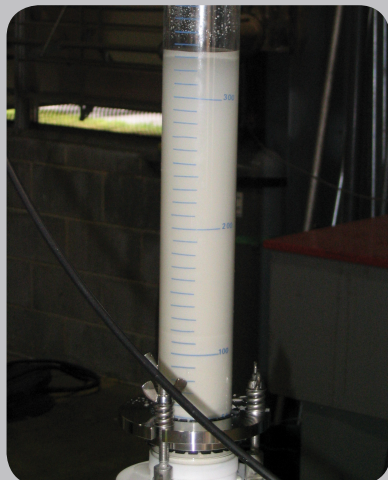
- Simplicity of operation and easy cleanability.
- Filter media available in various materials and micron ratings.
- Filtration under pressure and/or vacuum.
- Displacement or reslurry washing.
- Blow drying or vacuum drying of the filter cake.
- Manual discharge of the filter cake through the bottom opening.
- Available for purchase and rental.

#### Technical Data

- Filter area, nominal 20 cm<sup>2</sup> (0.002m<sup>2</sup>)
- Filling volume 1000 ml
- Design pressure, vessel:
  - Stainless Steel, Hastelloy fv/6 bar
  - Glass fv/4 bar
- Design temperature -10/+150 °C
- Weight:
  - Without carrying case 7.5 kg
  - With carrying case 14 kg



*The 0.002m<sup>2</sup> Pocket Filter, available in glass and stainless steel /hastelloy construction, can perform general feasibility studies of filtration and drying processes, and filter media selection.*



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