



## POROMETER NV

### Filter and membrane testing technology

#### POROLUX™ porometers: world leader in Capillary Flow Porometry

- For R&D and quality control
- Highest accuracy and resolution available in the market
- For measuring minimum, maximum (or first bubble point) and mean flow pore sizes, and pore size distribution
- Suitable for the characterisation of membranes (flat sheet and hollow fibre), nonwovens, paper, filter media, porous rocks and ceramics
- Pore size range from 13 nm up to 500 µm

#### POROLIQU™ 1000 Liquid-Liquid Displacement Porosimeter

- Characterisation of pore sizes down from 2 nm up to 0.5 µm
- For measuring pore size, pressure and number, open porosity, mean pore density, mean pore length and liquid permeability of ultra- and nanofiltration membranes
- Ideal for full characterization of hollow fibers at low pressures
- Ultra accurate measurements of low flow rates (0.16 µl - 10,000 µl/min)

#### High Throughput (HT) membrane testing equipment

- Fully automated High Throughput Gas Separation (HTGS) for selectivity and permeability measurements of single and mix gas (CO<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, H<sub>2</sub>, and CH<sub>4</sub>) with integrated on-line analysis by gas chromatography
- Single feed high throughput dead-end filtration cell (Spider) for water and solvent-based liquid separations

#### Contract testing service for customers at our fully-equipped laboratory

Available tests:

- Capillary Flow Porometry
- Gas and liquid permeability
- Liquid-Liquid Displacement Porosimetry
- Image analysis by Scanning Electron Microscopy (SEM)

#### PoreXpert®

- Simulation software for the design, analysis and modelling of porous materials
- Designed for porometry exclusively to interface with POROLUX™ porometers

Other products available from Porometer:  
bubble point tester, membrane test plants for flat sheet, tubular and capillary membranes  
Visit us on [www.porometer.com](http://www.porometer.com) or contact us at [info@porometer.com](mailto:info@porometer.com)

