

# Characterization methods for filters and membranes

Norlab offers a whole range of testing and analysis instruments for filters and membranes.

Filters and membranes are distinguished by a pronounced porosity. The smallest pores in the through pore system are usually of decisive importance. Thus, depending on the particular tasks, either the total pore volume or all open pores can be determined, e.g. in the case of adsorption filters, or only the through pores which are relevant for the filtration process.



Parameter	Method	Instrument
Analysis of through-pores of filters and membranes	<a href="#">Porometry, gas-liquid expulsion method</a>	<a href="#">Capillary flow porometer</a>
Analysis of through-pores of filters and membranes	<a href="#">Porometry, liquid-liquid expulsion method</a>	<a href="#">Liquid-Liquid Porometer</a>
Analysis of through-pores of filters and membranes	<a href="#">Porometry, combination of gas-liquid and liquid-liquid expulsion methods</a>	<a href="#">Ultra nano porometer</a>
BET surface area and pore analysis	<a href="#">Gas adsorption</a>	<a href="#">3P micro series</a> <a href="#">3P meso series</a> <a href="#">3P sync series</a> <a href="#">3P surface DX</a>
Density	<a href="#">Gas pycnometry</a>	<a href="#">3P densi 100</a>
Pore volume and size distribution	<a href="#">Mercury intrusion porosimetry</a>	Contract analysis <a href="#">Please ask for a quote</a>
Water uptake and release	<a href="#">Dynamic vapor sorption (DVS)</a>	<a href="#">3P graviSorb series</a>