

# Water Vapour Permeability Tester

Water vapour permeability is a feature that determines the quality and practicality of application of a given fabric. Clothes or footwear made of materials of inadequate permeability may be unhealthy and uncomfortable. In order to determine water vapour permeability, this moisture analyser is equipped with a special water vapour permeability determination set.

The developed method of testing consists in placing a required amount of water in a vessel, inside which a fabric sample is clamped. It is recommended to place this vessel in the moisture analyser and start the drying process at 40°C. The advantage of this method is a very short drying time. It takes up to 50 minutes to obtain the result. In contrast, measurement carried out using standard method takes up to 72 hours.

Measurement results are presented in mg H<sub>2</sub>O / 1000 mm<sup>2</sup> / 24h or as the percentage amount of water vapour passed through the material to the amount of water vapour passed without the tested fabric.



## Features

- Fast results
- LCD display, RS-232 and USB connections, optionally WiFi

## Technical details

Capacity	110 or 210 g
Readability	0.001% (or 1 mg)
Weight	5.5 kg

## Standards