

# WATER VAPOUR TRANSMISSION TESTER

The PVA/4 is designed for the accurate measurement of the WVTR - Water Vapour Transmission Rate - of sheet materials like paper, board, plastics, aluminium, rubber, etc.

The WVTR is the mass of water vapour transmitted through a unit area in a unit time under specified conditions of temperature and humidity.

Usually indicated in grams per square meter per day  $g/(m^2.d)$  the WVTR is a key characteristic used to specificate sheet materials in the packaging industry.



model PVA/4

## Features

- simple and robust instrument
- runs 4 simultaneous tests ensuring high efficiency as well as precision and repeatability of the obtained results for years long
- all parts in contact with water vapour and moisture are made of corrosion resistant materials

*Cardboard, Packaging, Paper, Plastics*

## Physical specifications

### Dimensions

30 x 30 x 21 cm (LxWxH)

### Net Weight

9 kg

## Options

- Set of 4 additional testing dishes
- Circular sample cutter for quick preparation of circular test pieces
- Analytical scale 210 g capacity and 0.1 mg resolution

## Standards

TAPPI T-448, ISO 2528, DIN 53122

## Performance data

### Sheet materials

for sheet materials with transmission rate above 1 g/(m<sup>2</sup>.d) and thickness up to 3 mm

### Power supply

none

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