



## Simple and effective test method

For testing water vapour permeable apparel fabrics

The Water Vapour Permeability Test Machine is designed to measure the resistance of breathable fabrics to water vapour penetration by sealing the fabrics to water filled containers, weighing the container and rotating at 2 RPM in a controlled atmosphere over a specified period of time. The containers are re-weighed to determine the water vapour.

All surface areas that are likely to be exposed to water are constructed in 316 stainless steel and HE-30 aluminium.

All rotating shafts run on angular contact bearings for smooth maintenance free running.

Water containers and matching ring tops are engraved for weight identification.

The compact electric drive unit is situated a metre away from the turntable to prevent any heat from the electric motor affecting the materials under test.

### Key Features

- ✓ *Water containers: 8 cup*
- ✓ *Stainless steel / aluminium construction*
- ✓ *Separate electric drive unit*
- ✓ *Conforms to BS 7209 and BS 3424-34 standard*

**Dimensions:** 220mm (H) x 420mm (W) x 420mm (D)

**Power consumption:** 220 – 240 Volts AC, 50 Hz

**Order Code:**

**WVP:001 – 8 cup capacity**