

# PermaVape

applications:



Apparel



Quality Control



Performance



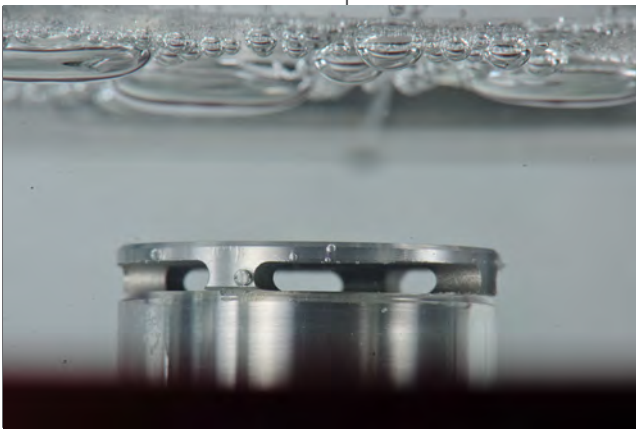
## STANDARDS:

ISO 15496

JIS L1099 Method B1

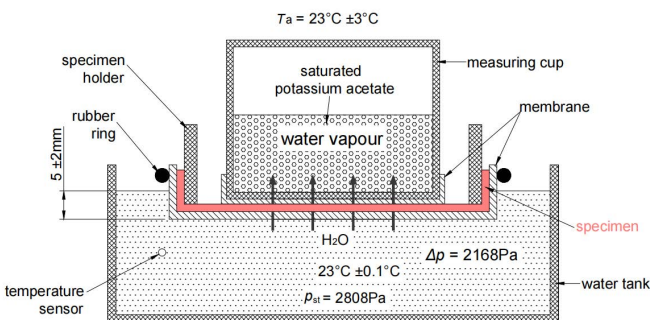
The user-friendly PermaVape delivers accurate and reliable results for water vapor permeability.

This water vapor permeability tester utilizes the inverted cup method to measure water vapor transfer, which is a more accurate approach than the dry desiccant cup method. With the inverted cup method, the water sits against the fabric which produces a higher breathability figure, as the fabric isn't buffered by an air gap, which can absorb a large amount of moisture.



The water bath is heated to the required temperature of 23°C and maintained evenly throughout the bath through a circulation pump.

The test station platform is easily adjustable to ensure that the samples are immersed to the proper depth in the bath.



## A Precise Method

Studies have shown that inverted cup method can more adequately determine levels of comfort for high physical activity (heavy sweating) because it eliminates the influence of the layer of air.

SDL Atlas also offers other models for Vapor Permeability testers to meet other internationally recognized standards.