



# WATER TESTERS

Water Resistance and Repellency Testers

# Testing for Water Resistance and Repellency

## Different fabric applications require different test methods.

Apparel, Awnings, Boat and Vehicle Covers, Tents, Upholstery, Automotive Interiors, Umbrellas, Footwear.

## Four Instruments provide the full breadth of testing capabilities:

- Spray Rating Tester - Surface wetting resistance
- Rain Tester - Water impact at different pressures
- Bundesmann - Rain fall on fabric subject to interior contact
- HydroPro - Resistance to static water pressure

If you have a testing need that is not covered by these instruments, please contact us. We are constantly developing new testing innovations in partnership with the industry.

## Spray Rating Tester

applications:



Apparel



Quality Control



Performance



Home



## The best tool to determine the surface wetting resistance of fabrics.

The Spray Rating Tester determines the surface wetting resistance of fabrics. It is comprised of a metal framework allowing distilled water to be sprayed through a nozzle onto a test specimen at 45° and 150 mm below the nozzle. The appearance of the specimen is then compared against an optional photographic scale.

## Innovation made easy

- Precision spray nozzle
- Easy load sample holder
- Durable metal framework

### STANDARDS:

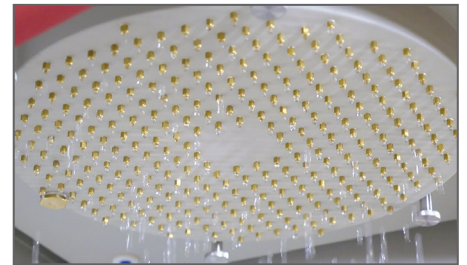
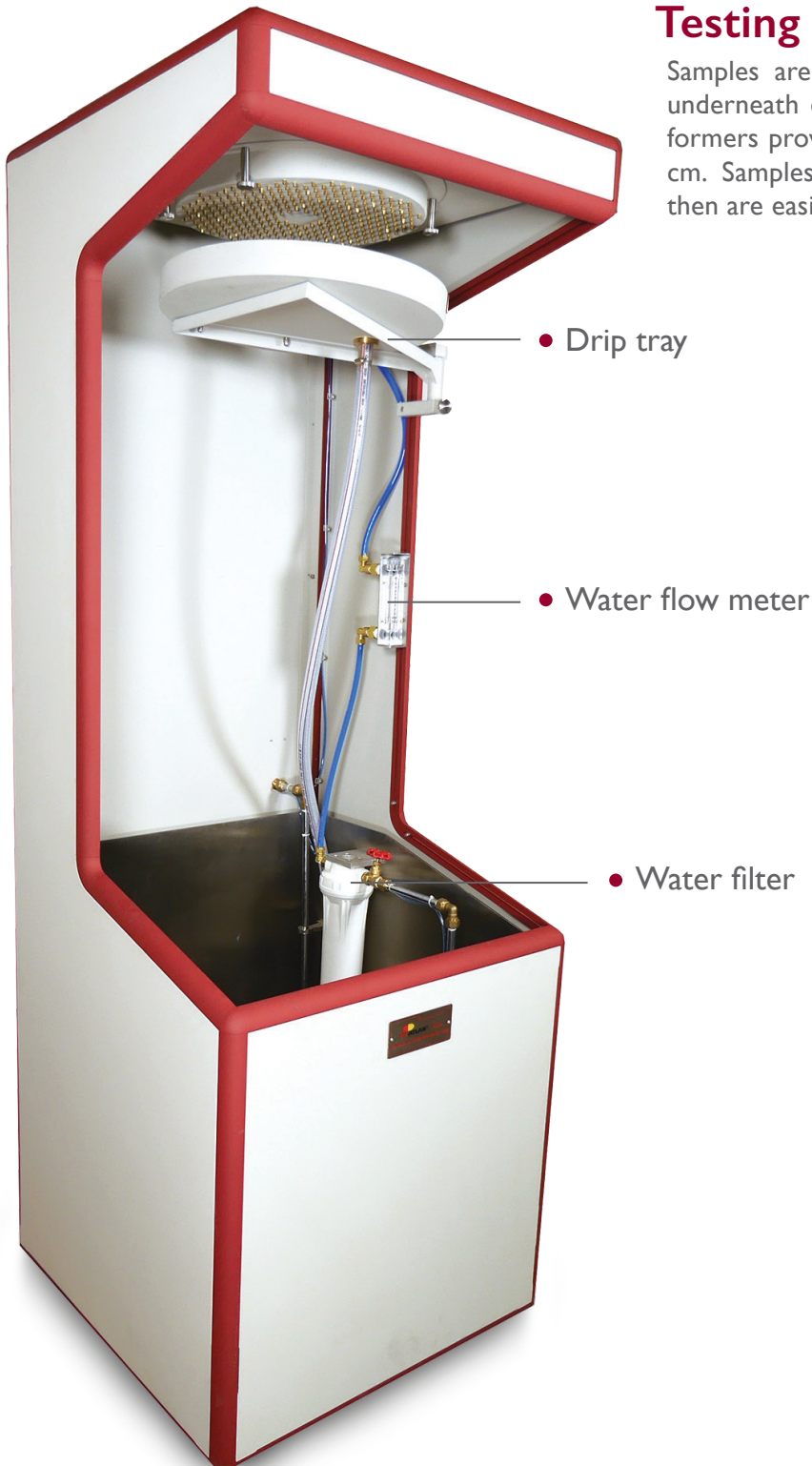
ISO 4920	M&S P23	AATCC 22
Next 23	BS EN 24920	BS 3702
GB/T 4745	WSP 080.1.R4 (12)	IST 80.1 (01) 8.1



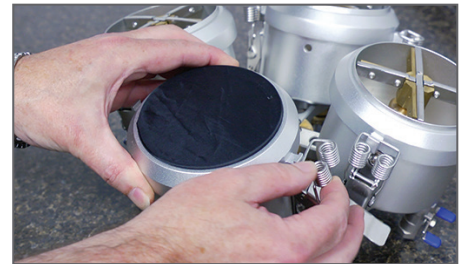
The Bundesmann provides a water repellency test for fabrics that are being contacted during use such as a rain jacket.

## Testing for Water Pemeability

Samples are mounted over a cup and are rubbed from underneath during the test. Precision stainless steel drop formers provide simulated rain falling from a height of 150 cm. Samples mount onto holders outside of the tester and then are easily set in place on top of the cups.



- 300 precision stainless steel drop formers



- Easy mount sample holders



- Four test stations inclined at 15°
- Automatic sample wipers

### STANDARDS:

BS EN 29865

DIN EN 29865

ISO 9865

GB/T 14577

NF G07-058

# HydroPro

## Hydrostatic Head Tester

applications:



Apparel



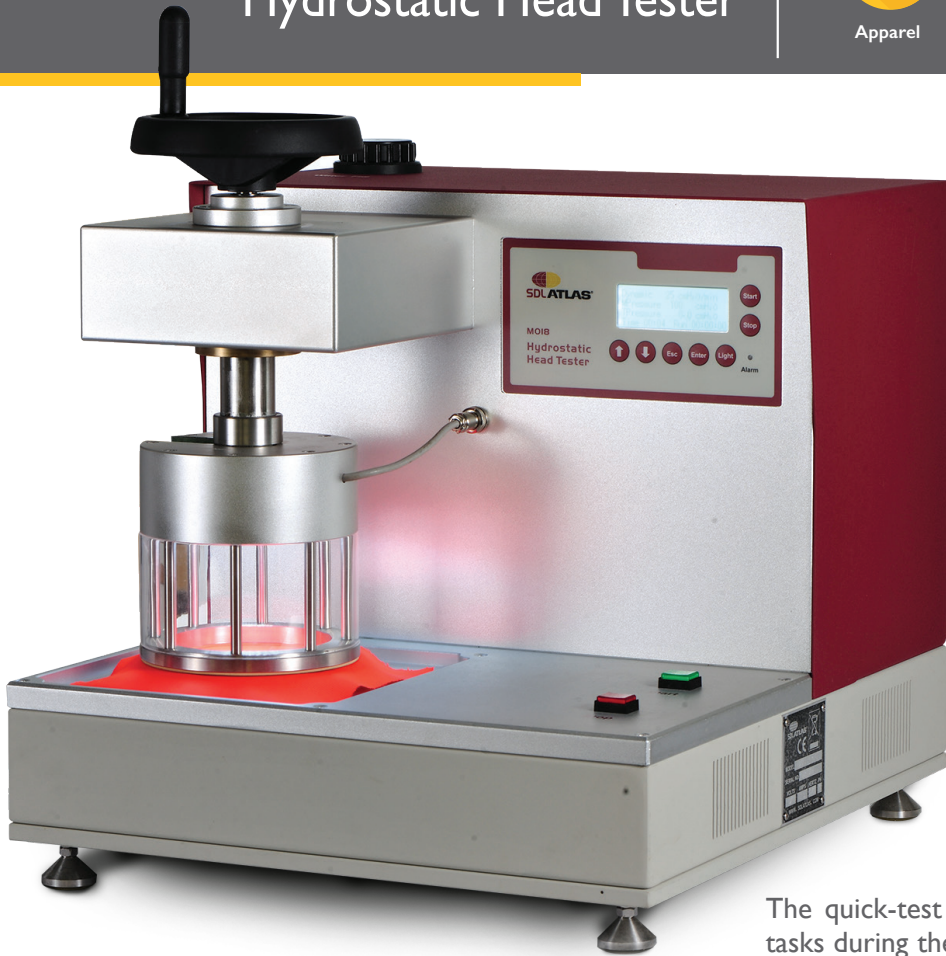
Quality Control



Performance



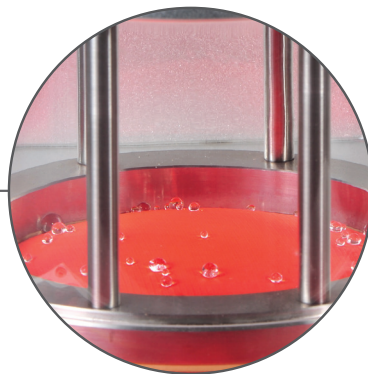
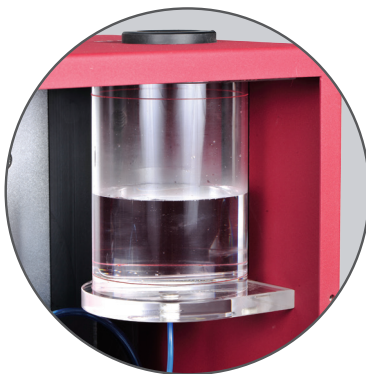
Automotive



The best value hydrostatic head tester available, the **HydroPro** is powerful, intelligent, and efficient.

### Time Saving

The quick-test function allows users to perform other tasks during the first 80% of the standard test. An alarm indicates fail pressure is close and a technician should begin observing.



- Internal water reservoir refills test head on command

- Maximum pressure 3 bar

- LED lighting of sample area
- Clear safety shield
- 100 cm<sup>2</sup> test head included

#### STANDARDS:

AATCC 127	BS 3321	ERT 120-1	ISO 811	AFNOR G07-057	BS EN 20811	ERT 160-0	ISO 9073-16
JIS1092 B-b	ASTM D751	EN 343	GB/T 4744	IST 080.4 (01)	IST 080.6 (01)	WSP 080.6.R4 (12)	

# Rain Tester

applications:



Apparel



Quality Control



Performance



**The Rain Tester provides a water repellency test for fabrics with different intensities of water impact.**

Samples are mounted vertically while the simulated rain is sprayed horizontally. Samples are backed with a standard blotting paper that is weighed before and after the test. The Rain Tester provides precise control of the test through a color touch screen controller including water column height, water temperature, and test time.

## Features for innovation

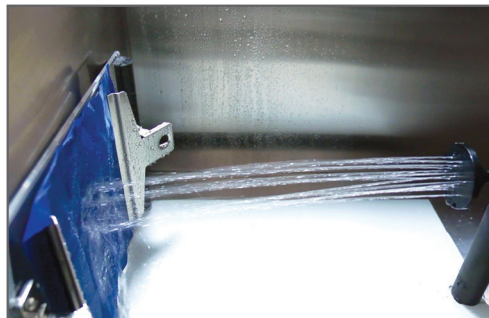
- Color touch screen controller
- AATCC and ISO tests preprogrammed
- Water temperature control per standard requirements
- Test time controlled automatically
- Recycle test water
- Available with 1500 mm (60 in) or 2400 mm (94 in) column
- Automatic water level in temperature controlled water tank

## STANDARDS:

AATCC 35

BS EN ISO 22958

GBT 23221



**The SDL Atlas Rain Tester provides the most accurate test conditions for related standards.**

# Providing Confidence

For over 60 years, the SDLAtlas companies have been providing confidence in standard based testing through expertise and global partnering. Our customers can be assured that they are making informed decisions based on accurate test results.

SDL Atlas experts work closely with standards committees and retailers on development of standards. Our engineers develop instruments to meet these standards. Our service team calibrates the instruments to exacting UKAS and internal standards. High quality consumables that are consistent from batch to batch are also produced and distributed by SDL Atlas.

## Fabrics and Consumables

Consumables are a critical part of many textile tests. SDL Atlas produces and distributes a complete line of consumables. Each batch is thoroughly tested to ensure conformity and consistency from batch to batch.

Our consumables offerings include:

- Multifiber
- Cork Liners
- Abradents
- Phenolic Yellowing
- Detergents
- Ballasts
- Crocking Fabric



## Calibration & Service

- UKAS calibration
- ISO calibration
- Service support
- Factory trained representatives
- SDL Atlas service technicians

With UKAS accredited technicians located in Europe, Asia, and North America, we are prepared to support our customers in maintaining their investment and their confidence in their test instruments. SDL Atlas calibration certificates are accepted by all accreditors.

Providing confidence in standard based testing through expertise and global partnering



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