

# ATI

ADVANCED TESTING INSTRUMENTS



TESTING INSTRUMENTS  
FOR FABRICS & GARMENTS  
**TF167 SURFACE  
WATER ABSORPTION  
TESTER**

## TF167 SURFACE WATER ABSORPTION TESTER

Surface Water Absorption Tester, is to determine the ability of a terry fabric to rapidly absorb and retain liquid water from surfaces such as human skin, dishes and furniture.

Specimens are placed at an angle on the base of the apparatus. After water flowing down the surface of each specimen, the amount of water retained in each specimen is measured. Six specimens are tested, three on the face of the fabric and three on the back of the fabric. The six observations are averaged to determine the surface water absorption of the fabric.

### SPECIFICATIONS

- Pour Spout: 30 $\pm$ 2 mm (1.18  $\pm$  0.08 in.)
- Angle of hold: 60
- Time of water flow: 50 ml within 8s
- Water dropping height: 6  $\pm$  4 mm (0.24  $\pm$  0.16 in.)

**STANDARDS:** ASTM D4772-2009, GB/T 22799-2009 Method B

**WEIGHT:** 24 kg

**DIMENSIONS:** 560 x 360 x 740 mm (L x W x H)

