

## Product Information

### HTC-006 Textile Water Resistance And Bears Perspiration Color Fastness

**Test:** Perspirometer Tester is designed for color fastness test of various kinds of textile materials and textiles to perspiration, sea water, saliva, distilled water, etc. Perspiration tester is a stainless steel frame which can test 20 10cm×4cm test samples according to AATCC or 10 samples as per ISO standard.

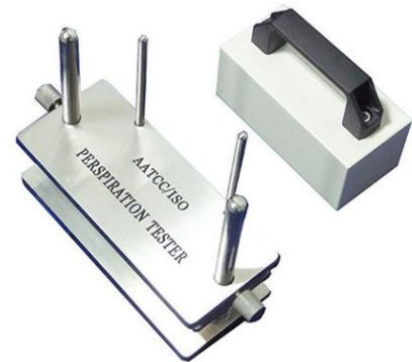
#### Standard :

perspiration:-AATCC 15, EN ISO 105 Part E04, DIN 54020

Sea water -AATCC 107, EN ISO 105 Part E02, DIN 54007

Branch water -AATCC 106, EN ISO 105 Part E01, DIN 54006

PVC-ISO 105 Part X10 (PVC Foil Art 727 another purchase); DIN 54072



**AATCC standard weight:3.63kg(8lb)**

**ISO standard weight:4.10kg(9lb)**

#### Test procedure

To test colour fastness to perspiration, specimens (fabric, yarn or fibre) in contact with Multifibre Adjacent Fabric, are treated in two different solutions containing histidine, one alkaline and one acidic. The specimens are subsequently drained and placed under constant pressure between separator plates in the Perspirometer. Up to 20 test specimens can be accommodated.

The units are then placed in an Incubator for 4 hours at 37°C (body heat).

After drying, change in colour of the specimens and staining of the adjacent fabrics are assessed with Grey Scales.

Separate Perspirometer units must be used for alkaline and acidic tests to avoid chemical interaction.

#### Perspiration Fastness Tester Apparatus supplied:

2 x Stainless steel frame

2 x Top clamping plate

2 x Spring loaded plate

1 x Loading weight

1 x Extra weight

42 x Acrylic separator plates

Notice : Lactic Acid (USP 85) and Sodium Hydroxide Solution belongs to dangerous goods for shipping, purchasing in local for suggestion.