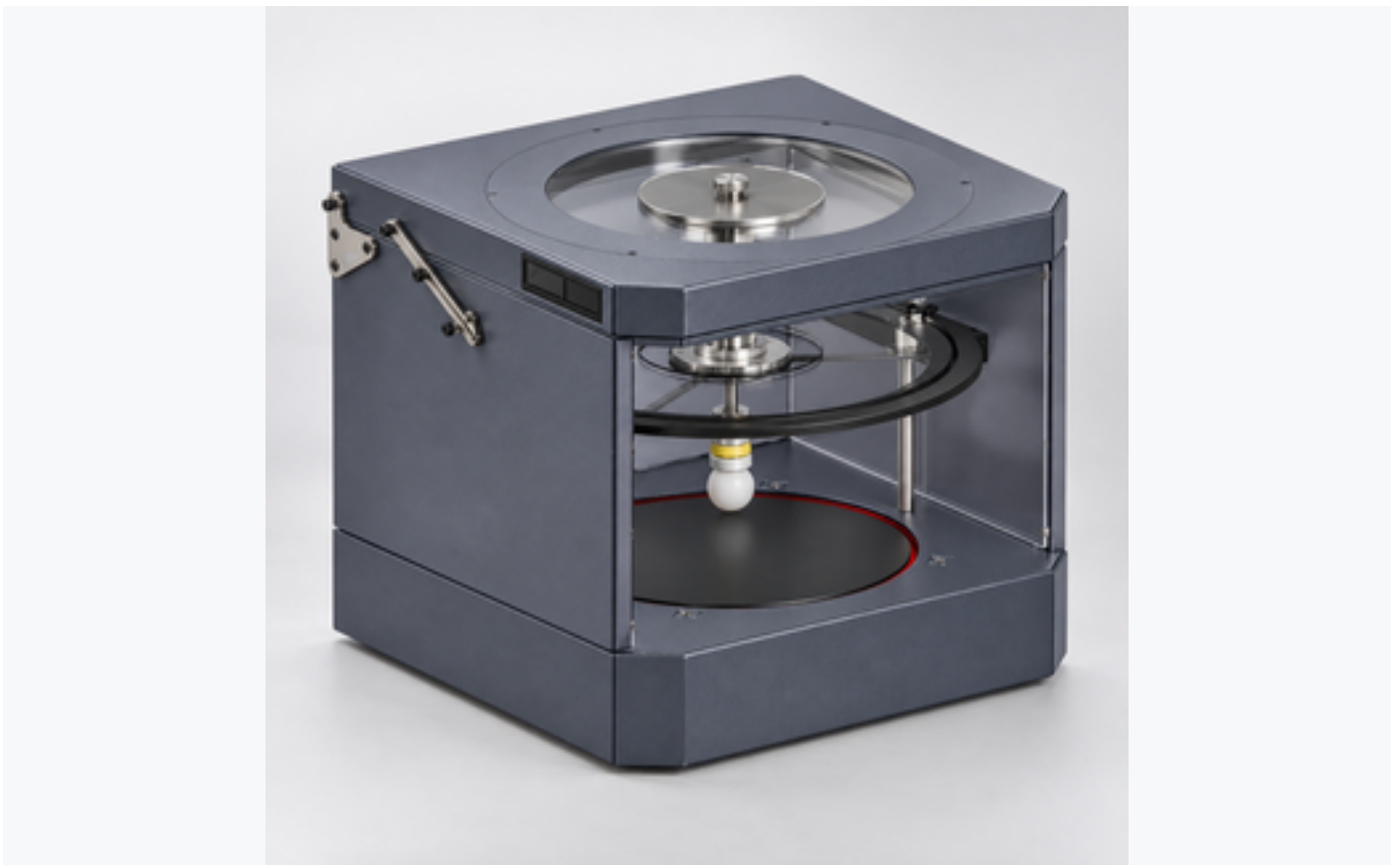


Fabric Drape Tester

Quantify the natural drape behaviour of fabrics.



The PROWHITE Fabric Drape Tester is designed to evaluate the free-hanging behaviour of woven, knitted and nonwoven specimens using the shadow projection method. The drape coefficient provides a consistent reference for comparing fabric handle, design effect and process changes.

Highlights

- Classical Cusick-type drape assessment by shadow projection
- 24 cm, 30 cm and 36 cm specimen templates with paper rings
- Circular working area for observable test geometry
- Transparent protective panels and controlled illumination arrangement
- Suitable for woven, knitted, nonwoven, coated and technical textile materials

Working Principle

A circular specimen is positioned centrally on the support disc. As its free edges take their natural shape under gravity, the illumination system projects the resulting shadow onto recording paper. The drape coefficient is calculated from the projected shadow area, specimen area and support area. A lower value indicates greater drapeability.

Standards and Scope

BS 5058:1973 - Assessment of drape for all types of fabrics intended for end uses where drape is important.
ISO 9073-9:2008 - Determination of drapability, including drape coefficient, for nonwovens, woven and knitted fabrics.
NF G07-109 - Method for determination of the drape of a woven or knitted fabric. Use the instrument in accordance with the current text of the applicable standard, including specimen preparation and calculation requirements.

Technical Specifications

Test method	Shadow projection determination of drape coefficient
Specimen templates	24 cm, 30 cm and 36 cm diameter
Recording rings	24 cm, 30 cm and 36 cm diameter options
Illumination	Controlled light source for shadow outline
Instrument housing	Powder-coated metal construction with transparent protective panels
Approx. dimensions	500 x 500 x 500 mm
Approx. weight	19 kg

Request a quotation | Contact us for the configuration and consumables suited to your application.