



Automatic Fabric Drapability Tester GT-C22



Application:

Automatic Fabric Drapability Tester is used to test the dynamic and statics drape property of all kinds of fabrics, include drape coefficient, lively rate, corrugated surface and aesthetic coefficient of the fabric.

Fully cyber-control drape-o-meter is designed to measure drape property from the deformation by gravity of an initially horizontal annular ring of fabrics. A circular fabric specimen is held concentrically between two smaller horizontal discs. An annular ring of fabric is allowed to drape into folds around the lower

supporting disc. The shadow of the draped specimen is cast onto a sandblasted glass of same size as the un-supported part of the fabric specimen. The outline of the shadow is taken by a digital camera. The photographic will be sent to a computer to determine the shadow area with help of special software. The drape coefficient is calculated from the shadow area and original area of fabric specimen.

Standards:

BS5058, FZ/T01045

Dimensions

External Dimension:
600*570*1070 mm(L*W*H)
Package Dimension:
750*700*1590 mm(L*W*H)
Gross Weight:
100KG
Net Weight:
60KG



Feature

- Working mode: microcomputer control, CDD image formation, images and dates are processing automatically by all computer controlled.
- Statistics, analyze, save and output a various chart and data.
- Photographic method instead of weighing mass method.
- Equipped with Sony camera to obtain high solution picture.
- Complies with BS standard and other international standards.
- Simple operation, higher accuracy than old test method.
- Can provide dynamic test result, more perfect to simulate the condition of fabric when it is dressed.

Key Specifications

Model	GT-C22	
Drape Coefficient Range	0-100%	
Accuracy	$\leq \pm 1.5\%$	
Aesthetic Coefficient	0-100%	
Diameter of Specimen Clamp	$\Phi 120\text{mm}$	
Dimension of Specimen(circular)	$\Phi 240\text{mm}$, 300mm, 360mm	
Rotate Speed	$3 \sim 300 \pm 1\text{r/min}$	
Light Sourcing	DV 12V 100W for microscope	
Power Supply	AC 220V 50/60HZ	
Dimensions(L×W×H)	600×570×1070mm	
Weight	60kg	
Standard accessories	2pcs	Cable Connect with PC
	1set	Stainless Steel Calibration Plate(30%, 50%, 70%)
	1pc	Power Line
Optional accessories	Optional	Desk Top Computer
	Optional	Other Sampling Template

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