QC-621K Surface Hardness Abrasion Tester

Description

QC-621K can measure characteristics such as fastness, hardness and wear resistance of surface treatment. For example, it measures resistance to wear or fading for samples with painting, plating, coating and dyeing treatments. White cloth, sand bar, steel wool and eraser are common materials for abrasion.

The tester is powered by stepper motor and can perform abrasion at a regular speed, which is different from other abrasion testers moving in a simple harmonic motion with a limited test stroke. The tester can perform tests conforming to various standards under different conditions such as speed, stroke, specimen, abrasion head and load.

Industry

Plastic, textile, printing, electron, optical products

Appearance

Specification

Model	QC-621K
Load	25x1, 50gx1, 100gx1, 200gx1, 300gx1, 500gx1, 1000gx1（Original load 200g）
Abrasion distance	5 - 150mm (Adjustable on control panel)
Maximum load	8kg
Abrasion head	a. Φ6.35mm sand bar c. Φ16mm white cotton b. Φ16mm steel wool d. specified by suers
Sample’s dimension	Width: 20-200mm, thichness Max. 50mm (Irrequlal sample holder or flat sample holder are available)
Control panel	Speed adjustable: 10 - 150mm/sec Abrasion times adjustable: 1 - 99999999. Automatic stop after test.
Power	Single phase: 100 - 240VAC, 50/60HZ
Dimension	70×35×40 cm
Weight	46 kg

Abrasion Head

sand bar

white cotton

steel wool

pencil

Related product

QC-621 Electronic Crock meter

QC-621A Manual Crock Meter

QC-319 Dyeing Rubbing Tester

QC-621H Surface Hardness Abrasion Tester

*Cometech reserves ultimate modification right of product specification.

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