

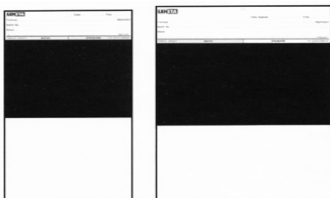
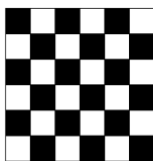
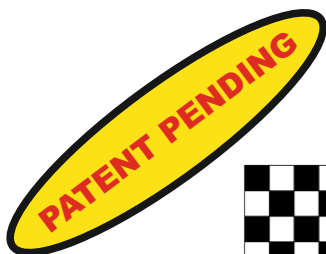


MULTI-TESTER CUM AUTOMATIC FILM APPLICATOR CODE: 10034-01

A highly versatile instrument for 3rd party test labs, and R & D centres as it saves you precious lab space, maintenance, personal training, calibration costs and most of all automatic compliance to various national and international test standards and possibility to carry out special testings as per customer requirements.

APPLICATIONS

01. Automatic Film Applicator
02. Drying Time Recorder
03. Cross Hatch Tester
04. Pencil Hardness Tester
05. Scratch Hardness Tester
06. Hotplate type heating system (Optional)
07. Over head heating system (Optional)
08. Mar Tester (Optional)
09. Linear Abrasion Tester (Optional)
10. Wet Scrub Tester 2 Channel (Optional)
11. Horizontal Tensile Tester (Optional)
12. Horizontal Fatigue Tester (Optional)





AUTOMATIC FILM APPLICATOR

Complies to ASTM D-823

- * 4" Colour Touch Screen
- * Setting of Speed (upto 500mm/sec.), Stroke length (upto 350mm),
- * With Vacuum Bed and Pump
- * Bar coater holder
- * Emergency Stop Switch
- * Electrical type heating arrangement for substrate drying with digital temperature control upto 100°C. (Optional)
- * Overhead Heating system with digital temperature control up to 200°C. (Optional)

DRYING TIME RECORDER

Compliance to ASTM D-5895, ISO 9117- 4

- * 6 simultaneous tests at a time.
- * Preset Timing - 2, 3, 6, 12, 24, 48, 72 Hrs.
- * User set able timing from 1min to 5hrs.
- * 6 test carriage.
- * 6 Glass strips of 25mm x 305mm.or single glass strip of 150mm x 305mm
- * 6 stylus with 6 weights of 10 & 5gms.
- * Optional teflon coated stylus.



AUTOMATIC ALL IN ONE PENCIL HARDNESS TESTER

A traditional method to test the resistance of coatings to scratch.

Compliance to JIS K 5400, 5600, ASTM D-3363 and ISO 15184; BS:3900 E-19, SNV 37113, SIS 184187, NEN 5350, MIL C 27227, ECCA-T4-1

- * With loads of 500GM , 750GM , 1000GM.
- * Optional Set of 13 Mitsubishi-UNI Pencils contain the following pencils: 6B , 5B , 4B , 3B , 2B , B , HB, H , 2H , 3H , 4H , 5H, 6H

AUTOMATIC ALL IN ONE CROSS HATCH TESTER

Compliance to ASTM D3359/ISO-2409/BS/DIN

To make a uniform and repeatable lattice with any size cutting block of 1/2/3 mm width with fixed load on a test panel.



SCRATCH HARDNESS TESTER (Optional)

Compliance to BS 3900 Part E2 / ISO 1518 1992, BS 6497, ASTM D5178 199.

- * Loading max. upto 10 kgs.
- * Complete with all Standard accessories, like weights, and hemispherical needle.

WET SCRUB TESTER

Compliance to ASTM D-3450, 2486, 4213, 4828; DIN-53778; BS7719,3900 F-17; ISO11998; IS:5411,428

- * With integrated and digitally programmable peristaltic pump
- * Variable Speed, Stroke length and Number of strokes
- * Automatic Compliance to various National and International Standards.

LINEAR ABRASER (Optional)

Designed to test any size or shape of specimen, ideal for finished products.

- * Stroke length (10 to 300mm)
- * Variable stroke speed
- * Programmable upto 999 cycles.
- * The instrument can be set as per user requirements.

HORIZONTAL FATIGUE TESTER (Optional)

Can be programmed as per requirement with suitable attachments, sensors and adapters which can be integrated to the existing controller for data recording, control and automatic reporting

HORIZONTAL TENSILE TESTER (Optional)

Can be programmed as per requirement with suitable attachments, sensors and adapters which can be integrated to the existing controller for data recording, control and automatic reporting



ADVANTAGES

- * LARGE APPLICATION AREA
- * EASY AND QUICK CHANGE OF HARDWARE
- * SAVES PRECISIOUS LAB SPACE
- * REDUCES USER TRAINING
- * REDUCED CALIBRATION COST
- * REDUCED OPERATING COSTS
- * OPTIONALLY WITH FULL PC INTERFACE VIA SOFTWARE AND LAN CONNECTIVITY
- * CAN BE SELF PROGRAMMED/TAUGHT TO CARRY OUT CUSTOMISED TESTING

STANDARD ACCESSORIES

- * Pencil hardness attachment with add on weights but Without Pencils.
- * Drying time attachment with Stylus, Glass plates, & Weights.
- * Cross hatch cutter holder
- * Vacuum bed with pump for applicator mode only.
- * Bar coater holder.

OPTIONAL ACCESSORIES

- * Hotplate type heating arrangement for substrate drying with digital temperature control upto 100°C
- * Overhead Heating system with digital temperature control up to 200°C.



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