Automatic Film Applicator Compact

AB3650, AB3655

The AFA Compact is an entry level film applicator that accepts charts up to A4 size. Application speed can be set from 1 to 150 mm/s. The Compact is suitable for both wire wound rod applicators and block applicators. Operating is easy through the standard TQC Sheen operating interface. The AFA Compact is available with a glass bed of a perforated vacuum bed.

www.tqcsheen.com

Models

AB3650

This model keeps the test charts in position via means of an glas bed which is produced out of ultra-flat hardened float glass.

AB3655

This model keeps the test charts in position via means of an ultra-flat perforated vacuum bed made of hard-anodized aluminium.

Typical Applications

Paint research & development laboratories
Paint research & development laboratories use compact film applicators to produce consistent test-charts for research after different formulations. Parameters such as opacity, spreading rate , colour and hiding power etc. needs to evaluated at controlled film thickness.

Paint production and quality control
Batch samples are made with the film applicator and kept on file at the QC-lab of the paint production lines.

Raw materials
Manufacturers of raw materials for the paint & coating industry such as binders, pigments, additives, colourants, solvents and resins need reproducible sample charts in order to define the effect of their products in a paint formulation in their R&D laboratory.

Adhesive manufacturers
Both in R&D and QC of the adhesive industry test samples with an accurate film thickness are crucial in order to define and guarantee the functionality and strength of the adhesive materials.

Battery research & development
The industry is anxiously searching for better and environmental friendly batteries. Thin film technology plays an important role in this research. Automatic film applicators are used by these laboratories to apply thin films such as electrolyte or thin metal sheets.

Cosmetics
Create reproducible samples. Measure the properties of cosmetics and skincare products such as hardness, break strength, consistency , compaction strength, hiding power and opacity, spread ability, stickiness , drying and curing time, colour, gloss etc..

Max. Speed

Traverse speed 1 - 150 mm/s
/ 0.03 - 5.90 in/s

Adjustable Speeds

Traverse speed infinitely
adjustable

Triple i Control®

Intelligent Illumination Interface;
only active keys are illuminated

Display

128 x 64 pixels graphic,
white illuminated display

Easy to Clean

Supplied with drip pan and
paper holder

Accuracy

Traverse speed accuracy
< 1%

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Any Questions? info@tqcsheen.com | +31 (0) 10 – 7900 100