



TQC 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 bar applicators and block applicators. Operating is easy through the standard TQC operating interface. The AFA Compact is available with a glass bed or a perforated vacuum bed.

Typical Applications for the TQC Automatic Film Applicator Compact



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. need to be 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..



Traverse speed infinitely adjustable



Supplied with drip pan and paper holder



Triple i Control (Intelligent Illumination Interface)



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



Charts up to A4 size



Compatible with a large range of application tools



Very accurate traverse speed < 1%



Safe 24V powered

More info about the TQC Automatic Film Applicator Compact at our website



www.tqc.eu

Any Questions? | info@tqc.eu | [+31 \(0\) 10 – 7900 100](tel:+31207900100)