



# Automatic Film Applicator Compact

an entry level film applicator that accepts charts up to A4 size

## Datasheet AB3652

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 Sheen operating interface. The AFA Compact is available with a glass bed or a perforated vacuum bed.

### Features

- ✓ Charts up to A4 size max.
- ✓ Application speed 1 / 150 mm/s
- ✓ Application speed infinitely adjustable
- ✓ Compatible with a large range of application tools
- ✓ Easy intuitive operating interface with Triple i Control (Intelligent Illumination Interface)
- ✓ Removable Drip Pan
- ✓ Safe 24V powered
- ✓ Exchangeable bed

### Standards

ASTM D823

### Ordering Information

AB3652 - Automatic Film Applicator Compact

AB3670 - Glass Bed - Rubber Mat

AB3653 - Vacuum Bed - Hose, 1m

### Scope of Supply

#### AB3652

- ▶ Automatic Film Applicator Compact
- ▶ 24V Adapter
- ▶ Paper Holder
- ▶ Drip Pan
- ▶ Weight
- ▶ Manual

#### AB3670

- ▶ Glass Bed
- ▶ Rubber Mat

#### AB3653

- ▶ Vacuum Bed
- ▶ Hose, 1m

### Specifications

#### Technical Data

Traverse speed	: 1 - 150 mm/s / 0.03 - 5.90 in
Traverse speed accuracy	: < 1%
Stroke length	: 250 mm / 9.84 in
Stroke length accuracy	: < 1 mm (0,025 mm/step) / < 0.03 in
Max. test chart size	: DIN A4
Max. test substrate thickness	: 8 mm / 0.31 in incl. coating
Max. width alter. film app	: 200 mm / 7.87 in
Max. test panel size (height is incl. coating)	: 300 mm x 200 mm x 8 mm / 11.81 x 7.87 x 0.31 in
Max. height alter. film app	: 40 mm / 1.57 in
Min. Wire bar length	: > 220 mm / > 8.66 in
Wire bar diameter	: 6 - 12,7 mm / 0.23 - 0.5 in
Volume drip pan:	: 30 ml
Drawn down speeds	: 1 - 150 mm/s free selectable
Min. required vacuum:	: -100 mbar
Diameter vacuum holes	: 1.3 mm / 0.05 in

Distance between holes	: 22 mm / 0.86 in
Number of vacuum holes	: 117
Vacuum connection	: 6 mm / 0.23 in quick connect

#### Dimensions and Weight

Depth	: 335 mm / 13.18 in
Width:	: 400 mm / 15.74 in
Height	: 190 mm / 7.48 in
Net weight	: 12,5 kg / 27.55 lbs

#### Basic Unit

Power supply:	: 24 VDC
Power consumption:	: Max. 40 Watt
Display:	: 128 x 64 pixels graphic, 70 mm x 40 mm white illuminated
Menu languages:	: English
Control:	: 5-key navigation switch

## Accessories / Optional Items

#### Vacuum Pumps

- AB3675 - Vacuum Pump, 23 l/min, 1750rpm 115VAC
- AB3676 - Vacuum Pump, 18 l/min, 1450rpm 230VAC

#### Optional Weight

- AB3680 - Optional Weight 250 g

#### Wire Bar Coaters

- AB3720 - 4µm, film width 230mm, total width 290mm
- AB3721 - 6µm, film width 230mm, total width 290mm
- AB3722 - 8µm, film width 230mm, total width 290mm
- AB3723 - 10µm, film width 230mm, total width 290mm
- AB3724 - 12µm, film width 230mm, total width 290mm
- AB3725 - 14µm, film width 230mm, total width 290mm
- AB3726 - 16µm, film width 230mm, total width 290mm
- AB3727 - 20µm, film width 230mm, total width 290mm
- AB3728 - 24µm, film width 230mm, total width 290mm
- AB3729 - 30µm, film width 230mm, total width 290mm
- AB3730 - 34µm, film width 230mm, total width 290mm
- AB3731 - 38µm, film width 230mm, total width 290mm
- AB3732 - 40µm, film width 230mm, total width 290mm
- AB3733 - 50µm, film width 230mm, total width 290mm
- AB3734 - 56µm, film width 230mm, total width 290mm
- AB3735 - 60µm, film width 230mm, total width 290mm
- AB3736 - 76µm, film width 230mm, total width 290mm
- AB3737 - 100µm, film width 230mm, total width 290mm
- AB3738 - 120µm, film width 230mm, total width 290mm
- AB3739 - 150µm, film width 230mm, total width 290mm
- AB3740 - 200µm, film width 230mm, total width 290mm
- AB3741 - Microns on request, film width 230mm,  
total width 290mm
- AB3742 - Plain polished, film width 230mm,  
total width 290mm

## Spare Parts

- AB3670 - Spare Glass Bed for Automatic Film Applicator Compact
- AB3667 - Spare Vacuum Bed for Automatic Film Applicator Compact
- AB3670 - Spare Glass Bed for Automatic Film Applicator Compact
- AB3657 - Spare Drip Pan
- AB3662 - Spare Paper Support

*A large range of applicators are suitable for the Automatic Film Applicator Compact. For more information about the applicators we refer you to our website [www.tqcsheen.com](http://www.tqcsheen.com)*

## Special Care

- ▶ Always clean the instrument after use.
- ▶ Do not use compressed air to clean the instrument.
- ▶ Never perform repairs or service to the instrument yourself. This should be done by TQC or selected distributors.

## Disclaimer

The right of technical modifications is reserved. Please refer to our terms and conditions as published on our website.