

# TQC Automatic Film Applicator Compact

(AB3650, AB3655)

## Product Description

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.

## 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

## Business

Coating Laboratories, Paint Production, Surface Finishing, Powder Coating.

## Standards

ASTM D823

## Scope of Supply

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

### Only supplied with AB3650:

- Glass Bed
- Rubber Mat

### Only supplied with AB3655:

- 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 alternative film applicators:	200 mm / 7.87 in
Max. test panel size (all models)*:	300 mm x 200 mm x 8 mm / 11.81 x 7.87 x 0.31 in (height is incl. coating)
Max. height alternative film applicators:	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. vacuum: -100 mbar required for vacuum model

Diameter vacuum holes: 1.3 mm / 0.05 in

Distance between vacuum 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

## Ordering Information

<b>AB3650</b>	TQC Automatic Film Applicator Compact (Glass Bed)
<b>AB3655</b>	TQC Automatic Film Applicator Compact (Vacuum Bed)

## Accessories

### Vacuum Pumps

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

### Optional Weight

<b>AB3680</b>	Optional Weight 250 g
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### Wire Bar Coaters

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

## Spare Parts

<b>AB3670</b>	Spare Glass Bed for Automatic Film Applicator Compact
<b>AB3667</b>	Spare Vacuum Bed for Automatic Film Applicator Compact
<b>AB3670</b>	Spare Glass Bed for Automatic Film Applicator Compact
<b>AB3657</b>	Spare Drip Pan
<b>AB3662</b>	Spare Paper Support

*A large range of applicators are suitable for the TQC Automatic Film Applicator Compact. For more information about the applicators we refer you to our website.*

## Use

The TQC Automatic Film Applicator Compact has a Triple i controlled running operation. Check the manual for full details.

## 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.

## Safety Precautions

- Always make sure the instrument is connected to an earthed socket.
- Maintenance and inspection should be carried out at the correct intervals.
- Operating personnel should be informed before starting with maintenance or repair work.
- Always make sure the instruments power is turned off and the instrument is not connected to a socket while adjusting any electrical component whenever maintenance, inspection or repair work is done.
- Do not open the instrument. In case of malfunction always consult the manufacturer.

## Disclaimer

The right of technical modifications is reserved.

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