



# AUTOMATIC FILM APPLICATOR

CODE: 10034-00

As per ASTM D - 823

Our Automatic Film applicators help you obtain reproducible draw down results as the application speed and pressure are controlled and consistent when compared to manual application. The consistency of draw downs play a very important role in how consistent and accurate your physical, chemical and other test results are specially for surface coatings.

**WEIGHT OF THE INSTRUMENT** : 25 Kgs.

**SIZE:** L x W X H  
500mm x 310mm x 200mm

**OPERATIONS/POWER:**

230V / 110V AC, Single Phase



## SPECIFICATIONS

- \* ALUMINIUM top plate with Clip type holder for paper/panel
- \* Memory for 4 pre-set strokes and speeds.
- \* Digitally set able stroke: 1 to 370mm
- \* Digitally set able Speed : 1 to 200mm/sec.
- \* With Emergency Stop Switch
- \* Application width of upto 300mm

The Instrument consists of

- a. Main drive unit
- b. Guide rod for applicators
- c. Aluminium Base plate with spring clamp

## OPTIONAL ATTACHMENTS

- \* Machined Aluminium hotplate top with a max temperature range of 150°C with digital temperature controller.
- \* Vacuum suction top with pump.
- \* Various types of applicators to choose from (overleaf)
- \* Overhead Heating system with max temperature range of 200°C with digital temperature controller.



# FILM APPLICATORS

## SINGLE SIDED APPLICATOR :60mm

These applicators are precisely machined and finished to meet the quality requirement for the coating industry. They provide perfect film draw downs, essential for testing purposes. Suitable for application on hiding charts or any other flat, rigid and smooth surface. All applicator are made of stainless steel, Film Width : 60mm As per ASTM D823, Supplied in a deluxe wooden box.



**CODE: 10015**

Standard Size: 50 microns	CODE:10015-00
100	10015-01
125	10015-02
150	10015-03
200	10015-04
350	10015-05

Other sizes on request only.

## FOUR SIDED APPLICATOR



**CODE: 10017**

Combining four gaps sizes in one unit. Provides excellent results on firm and smooth substrates. By simply rotating through 90\*, the next gap size is placed on the test surface.

With any of following gaps and 60mm film width.

Size: 30-60-90-120 microns	CODE:10017-00
50-75-100-125	10017-01
50-100-150-200	10017-02

With any of following gaps, 300mm length also available. 10017-04

## CUBE APPLICATOR

This small applicator has 2 gap sizes, machined into each applicator face. Ideal for application of parallel film stripes.

Standard gap size: 40 & 75 microns.	CODE:10019-00
50 & 100	10019-01
150 & 200	10019-02
200 & 300	10019-03



**CODE: 10019**



# FILM APPLICATORS

## SAG INDEX

The applicator is specially designed for sag resistance evaluation. Seven narrow slots (gaps) are machined with progressive thickness in increments to depths of 50, 75, 100, 125, 150, 175 & 200 microns. (or as per requirement)



**CODE: 10016**

## MICROMETER ADJUSTABLE APPLICATOR



**CODE: 10045**

The applicator is specially designed for research and development purpose with user variable coating thickness using micrometer, adjustment from 0- 10mm in steps of 10 microns.

Application width of 100mm

Application width of 150mm

Application width of 200mm

Application width of 300mm

CODE:10045-00

10045-01

10045-02

10045-03



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