

# NEURTEK

i n s t r u m e n t s

## Film Applicators

your quality control instruments provider

It is a key aspect of laboratory testing to be able to prepare and reproduce samples with a controlled and homologated thickness.

The ideal system is to use an automatic applicator with a motor of variable speed where one can connect different manual applicators.

In manual applicators, the most homogeneous and accurate coating is obtained with an application bar. The rest of applicators tend to be more flexible and easier to use or adjust the thickness of. In certain cases, they may be better value for money and more practical.



### Quadrangular Applicator (ASTM D823)



Multi-functional film applicator. Ideal for applying four different layer of thickness with a single equipment. Standard useful width of 60mm. Different sizes are available on demand. Produced in hardened stainless steel.

| Nº | Microns                 | Reference |
|----|-------------------------|-----------|
| 1  | 30-60-90-120            | 0232000   |
| 2  | 50-100-150-200          | 0232100   |
| 3  | 200-250-300-350         | 0232200   |
| 4  | 300-400-450-500         | 0232300   |
| 5  | 250-500-750-1.000       | 0232400   |
| 6  | 1.000-2.000-3.000-4.000 | 0232500   |
| 7  | Gaps as desired         | 0232600   |

\*Remark: In case you require a NIST (ENAC) certification please ask ZPEX019.

U



Film applicator of adjustable length. Applicable to thickness in a range of 0 to 250 microns. It can be adjusted making use of the markings on each side of the applicator. Produced in hardened stainless steel.

| Width  | Reference |
|--------|-----------|
| 50 mm. | 0233100   |
| 80 mm. | 0233000   |

\*Remark: In case you require a NIST (ENAC) certification please ask ZPEX019.

### Baker Applicator (ASTM D823)



Cylindrical applicator with four defined application heights: 30, 60, 90 y 120 microns or 50,100, 150 y 200 microns. Available in 2 width: 50 and 80 mm.

| Ancho | Altura         | Código  |
|-------|----------------|---------|
| 50    | 30/60/90/120   | 0234000 |
| 80    | 30/60/90/120   | 0234100 |
| 50    | 50/100/150/200 | 0234001 |
| 80    | 50/100/150/200 | 0234101 |

### Bird Applicator (ASTM D823)



Film applicator with flat-edged prismatic body. Available in variable widths and at four different lengths: 50,100, 150 y 200 microns

| Width   | Reference  |
|---------|------------|
| 50 mm.  | 203540M001 |
| 75 mm.  | 203540M002 |
| 100 mm. | 203540M003 |

### Micrometer Universal Film Applicator (ASTM D823)



This film applicator includes two integrated micrometric screws to adjust the height of a knife. The distance of this knife can be adjusted in steps of 10 microns from 0 to 6 mm. Produced in hardened stainless steel.

| Width   | Reference  |
|---------|------------|
| 100 mm. | 203580M203 |
| 150 mm. | 203580M005 |
| 200 mm. | 203580M007 |

\*Remark: In case you require a NIST (ENAC) certification please ask ZPEX019.

### Spiral Bar Coaters



Produced in stainless steel. They obtain layers of paint, varnish, cartridge, adhesives, etc. at precise thickness on all flat surfaces. Ideal for parallel or multi-layer applications.

Available from 10 to 200 microns and in two widths.

**Short Bar:** 25 cm. (total length), 18 cm (spiral length).

**Long Bar:** 35 cm. (total length), 30 cm (spiral length).

| Thickness | Short Bar | Long Bar |
|-----------|-----------|----------|
| 10 µm     | 0235100   | 0235200  |
| 15 µm     | 0235101   | 0235201  |
| 25 µm     | 0235102   | 0235202  |
| 35 µm     | 0235103   | 0235203  |
| 50 µm     | 0235104   | 0235204  |
| 60 µm     | 0235105   | 0235205  |
| 75 µm     | 0235106   | 0235206  |
| 100 µm    | 0235107   | 0235207  |
| 125 µm    | 0235111   | 0235211  |
| 150 µm    | 0235108   | 0235208  |
| 200 µm    | ---       | 0235209  |

### ATX Automatic Applicator



It obtains uniform and reproducible coating films/layers and works with a wide range of applicators. It is necessary if color formulation is required.

Dimensions: 202 x 405 x 169.  
Weight: 7 Kg

| Mod              | Reference                          |
|------------------|------------------------------------|
| ATX              | 0231000                            |
| Speed            | 40 to 200 mm/s.<br>16 configurable |
| Sample size      | 200 x 170 mm.<br>Thickness 3 mm.   |
| Maximum length   | 200 mm configurable                |
| Width bar coater | 250 mm (180 mm with                |
| Display          | TFT 4.3" colour LED                |

### Accessories

#### TEST CHARTS



Simple contrast charts for visual control or opacity analysis with UV component and sealed.

Sealed small charts. Thick charts for greater rigidity and able to stand thick paint.

It keeps the position of the test chart fixed when applying paint.

#### Manual Film Application Table



| Mod.  | Dimension     | Reference | Mod. | Dimension    | Reference | Width              | Reference |
|-------|---------------|-----------|------|--------------|-----------|--------------------|-----------|
| B/N   | 100 x 190 mm. | 0224904   | 2DX  | 98 x 152 mm. | 0224954   | 15 cm. (short bar) | 0235110   |
| Cebra | 100 x 190 mm. | 0224903   | WDX  | 98 x 152 mm. | 0224955   | 25 cm. (long bar)  | 0235210   |

Remark: We do provide a wide selection of test chart.