

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

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

Universal Baker Applicator (ASTM D823)



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

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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	0234100
80	30/60/90/120	0234000
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.	0234500
75 mm.	0234510
100 mm.	0234520

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

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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.

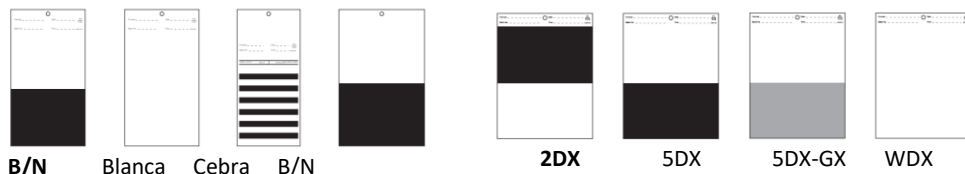
Adjustable speed from 2 to 500mm/s

Adjustable surface from 50 to 359 mm (A3).

Model	Reference
Glass base	TQC-AB3120
Perforated vacuum bed and built in vacuum pu	TQC-AB3220
Perforated vacuum bed, double channelled	TQC-AB3320
Heated perforated vacuum bed,	TQC-AB3400

Accessories

Cartulinas de Contraste



B/N Blanca Cebra B/N

2DX 5DX 5DX-GX WDX

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.