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TQC DUAL QUADRUPLEX
VF2179

DATASHEET

PRODUCT DESCRIPTION

Special 4-gap Stainless Steel applicator with double reservoir each with 4 different values. This TQC applicator allows the user two apply 2 layers of coating simultaneously with the same thickness. Ideally for use in combination with the TQC Automatic Film Applicators and TQC Abrasion- & Scrub testers.

BUSINESS

STANDARDS

ASTM D 823

SCOPE OF SUPPLY

- Protective plastic case
- Calibration certificate

ORDERING INFORMATION

VF2179 – TQC Dual Quadruplex Applicator, 2 x 60mm reservoir, 100/200/300/400µm

ACCESSORIES

AB3120 TQC motorized automatic film applicator with glass bed and combined attachment assembly for standard block applicators and spiral bar coaters, 230V

AB3125 TQC motorized automatic film applicator with glass bed and combined attachment assembly for standard block applicators and spiral bar coaters, 100V

AB3220 TQC motorized automatic film applicator with perforated vacuum bed, built-in vacuum pump and combined attachment assembly for standard block applicators and spiral bar coaters, 230V

AB3225 TQC motorized automatic film applicator with perforated vacuum bed, built-in vacuum pump and combined attachment assembly for standard block applicators and spiral bar coaters, 100V

AB3320 TQC motorized automatic film applicator with double channeled vacuum bed, built-in vacuum pump and combined attachment assembly for standard block applicators and spiral bar coaters, 230V

AB3325 TQC motorized automatic film applicator with double channeled vacuum bed, built-in vacuum pump and combined attachment assembly for standard block applicators and spiral bar coaters, 100V

AB3400 TQC motorized automatic film applicator with heated vacuum bed, built-in vacuum pump and combined attachment assembly for standard block applicators and spiral bar coaters 230V

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AB3405	TQC motorized automatic film applicator with heated vacuum bed, built-in vacuum pump and combined attachment assembly for standard block applicators and spiral bar coaters 100V
VF1601	TQC Application Table 380 x 230
VF1602	TQC Application Table 230 x 160
VF2343	TQC Test charts A6, White/Black B+, with optical brightner, 250pcs
VF2344	TQC Test charts A5, White/Black B+, with optical brightner, 250pcs
VF2345	TQC Test charts A4, White/Black B+, with optical brightner, 250pcs
VF2346	TQC Test charts A5, Black/White chequered B+, with optical brightner, 250pcs
VF2347	TQC Test charts A4, Black/White chequered B+, with optical brightner, 250pcs
VF2354	TQC Test charts A3, Black/White chequered B+, with optical brightner, 250pcs
VF2317	TQC Test charts A6, White/Black B-, without optical brightner, 250pcs
VF2319	TQC Test charts A5, White/Black B-, without optical brightner, 250pcs
VF2321	TQC Test charts A4, White/Black B-, without optical brightner, 250pcs
VF2323	TQC Test charts A5, Black/White chequered B-, without optical brightner, 250pcs
VF2325	TQC Test charts A4, Black/White chequered B-, without optical brightner, 250pcs

SPECIFICATIONS

Material	:	ASAB Stavax ESR medical grade stainless tool steel. Sub Zero Vacuum hardened (+1756°C to -70°C), hardness HRC 55 (through hardened*)
Surface treatment	:	polished
Overall accuracy	:	± 2 µm
Accuracy	:	Better than 3 micron

*Through hardening versus Case-hardening or surface hardening.
Through-hardening means the metal uniformly is hardened throughout the piece. Case- or surface (face frame) hardening only hardens the top layer of the metal. Once the top layer is degraded excessive wear and tear will occur on the product limiting its life time and affecting accuracy.

USE

Select the appropriate gap and place the applicator on a plane smooth surface such as a glass plate. Apply a sample of paint in the centre of one or both gaps of the TQC Quadruplex dual applicator near the correct opening. Draw down the applicator over the surface.
Due to physical reasons the max. film attainable wet film thickness is not equal to the gap depth. Deposited film thickness may vary from 40% to 80% of the clearance/gap depth. Dry film thickness will be lower than wet thickness due solvent/water evaporation.

SPECIAL CARE

- Though robust in design, this instrument is precision-machined. Never drop it or knock it over
- Always clean the instrument after use.
- Only use non-corrosive solvents to clean the instrument. Use a soft, non-abrasive cloth to dry it.
- Never clean the instrument by any mechanical means such as a wire brush or abrasive paper. This may cause, just like the use of aggressive cleaning agents, permanent damage.
- When stored for a long period of time, wrap the instrument in oil paper
- We recommend annual calibration.

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DISCLAIMER

The right of technical modifications is reserved.

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