

# LAB COATING AND LAMINATING DEVICE

## TYPE SV-B AND SVM-B

### GENERAL DESCRIPTION

Laboratory coating device used for pastes, resins on paper, textile, no-woven synthetic leather samples, amongst other, using knife and/or rollers.

Coat thickness adjustable by means of micrometric clocks up to 0,01mm.

Beside coating there are optional laminating devices also.

Used for quality control and developing of new formula (PVC, PU resins, adhesives, etc.).

Optional: motorized coating, type SVM-B.

Suitable to work with lab hot air dryer (tenter and/or steamer as LTE-B and DH-B, using the same sample holders).

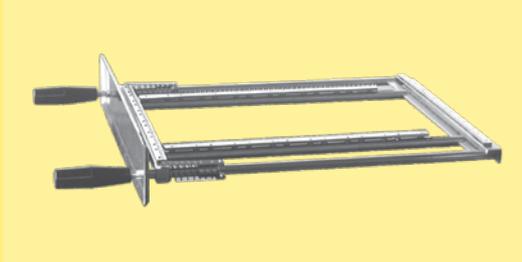


**Sample holders**



**Pin frame  
adjustable in length  
type NR-L:**

sample is attached on pin border on both sides of the holder, and stretched with 0 to 10 kP.  
Maximum sample size: 33 cm x 42 cm.  
Ideal for woven fabric samples.



**Pin frame  
adjustable in length and width  
type NR-L+B:**

sample is attached on pin border all four both sides of the holder, for stretching in length and width.  
Ideal for knitted fabric samples.



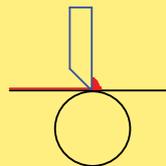
**Paper and foil frame  
type FR-L:**  
for paper samples  
and other kind of foils



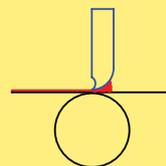
**Reversing pin frame  
type WR-L:**

Set of two frames, with possibility to have application done on upper side of the sample, and then turning up the lower side for a second application.

**Different knife shapes**

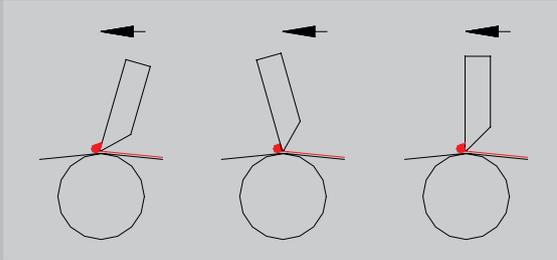


**A form knife**  
suitable for PU

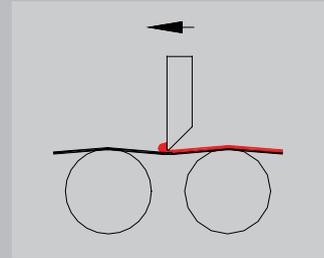


**B form knife**  
suitable for PVC

**Range of application with knife:**



roller knife



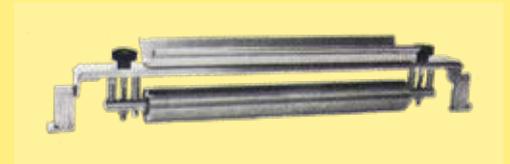
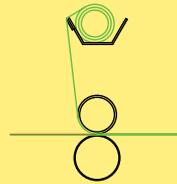
floating knife

**Laminating devices:**

**Laminating device type SV-K:**

Additional part consisting of holding device with pressing roller plus material carrier. Laminating pressure is adjustable. Device is placed at coating head instead of the coating knife.

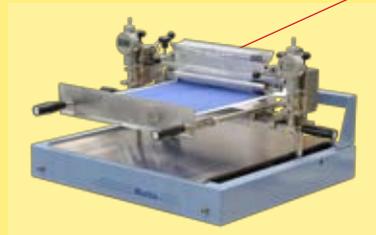
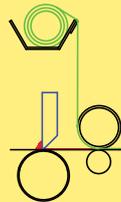
Application: laminating of carriers after coating of the adhesive as PVC, dispersions, etc, in the reversing method.



**Laminating device type K-SK:**

Essentially the same as SV-K, however with a fast lifting device of the laminating roller. Laminating is done against a separate roller. Complete fast laminating device is placed behind the knife. This enables a laminating of the carrier immediately after spreading of the adhesive.

Application: laminating of carriers immediately after coating of adhesive, specially solvent containing adhesives.

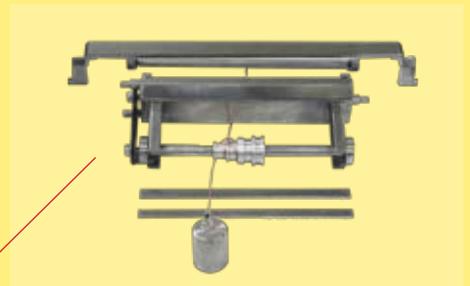
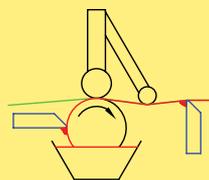


**Coating Devices**

**Roller Coating device type SV-WB:**

For carpet back coatings, coatings of velvet, etc. by means of roller application. The coating roller is mechanically driven. There are two doctor knives/blades, one for removing the excess of the applying roller and the second one for the carpet. Application is done on lower side of the sample, also called kiss roll.

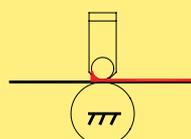
Device is placed onto holding device instead of the supporting rollers.



**Meyer-Bar Coating:**

Drilled stainless steel bar for adhesive or other coating on paper.

Meyer Bar is placed instead of the knife.

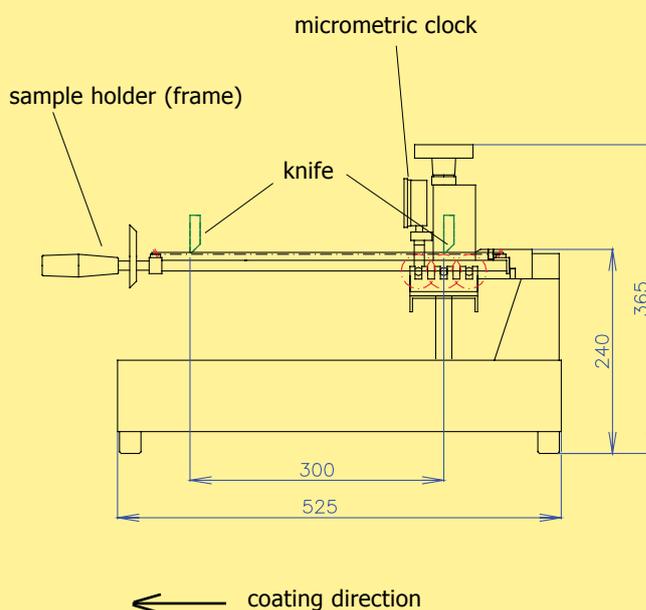


TECHNICAL DETAILS - TYPE	SV-B	SVM-B
Maximum sample size	33 cm x 42 cm	33 cm x 42 cm
Maximum coating area	28 cm x 30 cm	28 cm x 30 cm
Transport	manual	motorized
Coating speed	-	0,2 - 3 m/min
Power	-	0,4 kW
Dimensions	L 73 x W 53 x H 37 cm	L 73 x W 53 x H 45 cm
Weight	approx. 30 kg	approx. 41 kg

**Motorized version - SVM-B:**

Motorized version for coating application available.  
With speed control and end switch for coating size adjustment.

Coating can be done in both directions.



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