

Mathis

***LABORATORY DRYER
WITH COATING DEVICE
Type LTE-S-B***

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***Coating and drying / thermofixation
with temperature control (up to
250° C), adjustable holding time and
air circulation***

***Maximum sample size:
33 cm x 42 cm***

SAMPLE HOLDERS / FRAMES:



Pin frame adjustable in length

Type NR-L:

Sample is pinned up on both ends of the frame, and stretched in length.

Maximum sample size: 33 x 42 cm.



Pin frame adjustable in length and width

Type NR-L+B:

Sample is pinned up on both ends of the frame, and stretched in length and width. Used for knitted samples, and some carpets.

Maximum sample size: 33 x 42 cm.



Paper and foil frame

Type FR-L:

Used for paper, foil or some non-woven samples. Sample is stretched in length.

Maximum sample size: 29 x 42 cm.



Reversing pin frame

Type WR-L:

Pin frame inside other frame for coating on both sides of sample (on upper and lower side). Inner frame can be turned for coating on revers side.

Maximum sample size: 30 x 35 cm.



Holder with 2 net frames for loose samples

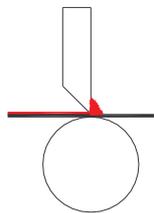
Type SR-B:

Special sieve frame to keep loose material samples in between the two nets as for example, fibers, tops, cellulose mass, non-woven, etc.

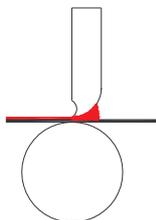
OTHER ACCESSORIES FOR COATING - TYPE LTE-S:

Knives:

knife type A
for PU application

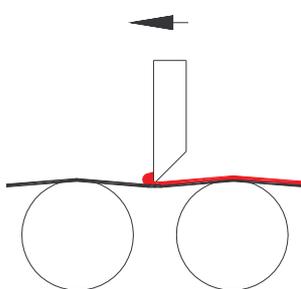


knife type B
for PVC application

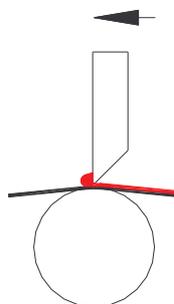


Coating with knives:

Coating thickness (distance between knife and sample) is adjusted by means of micrometric clocks with 0,01mm precision.



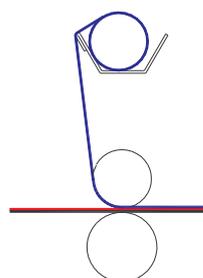
floating knife



roller knife

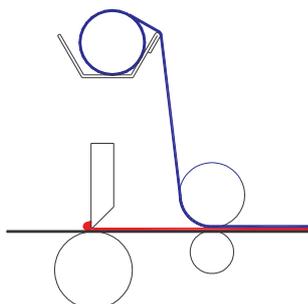
Accessories for laminating

Type SV-K: Roller with adjustable pressure for laminating by rolling over top of sample holder. Attached to equipment instead of the knife.



example of laminating

Type K-SK: Similar to SV-K type, but with quick heaving up device for the laminating roller. It is installed together with knife, for laminating on surface which is being coated at the same time, for adhesive laminating for example.



example of laminating



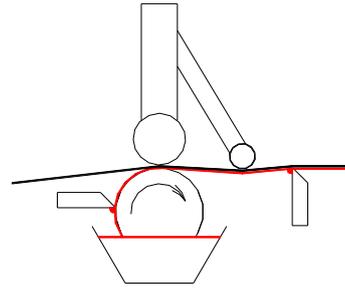
Accessories for coating with rollers

Type SV-WB:

for coating on carpets and velvet, with knife on cylinder for the coating on the material, and second knife to remove coating excess. Coating cylinder is driven mechanically.

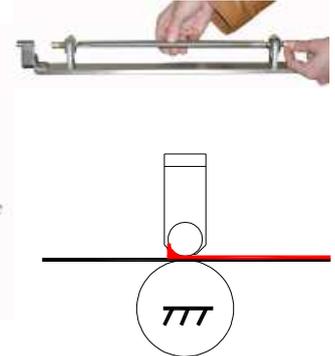
There are two knives, one for the application roller, and a second to remove the excess on already coated surface.

This accessory is installed on holding device, instead of the standard rollers.



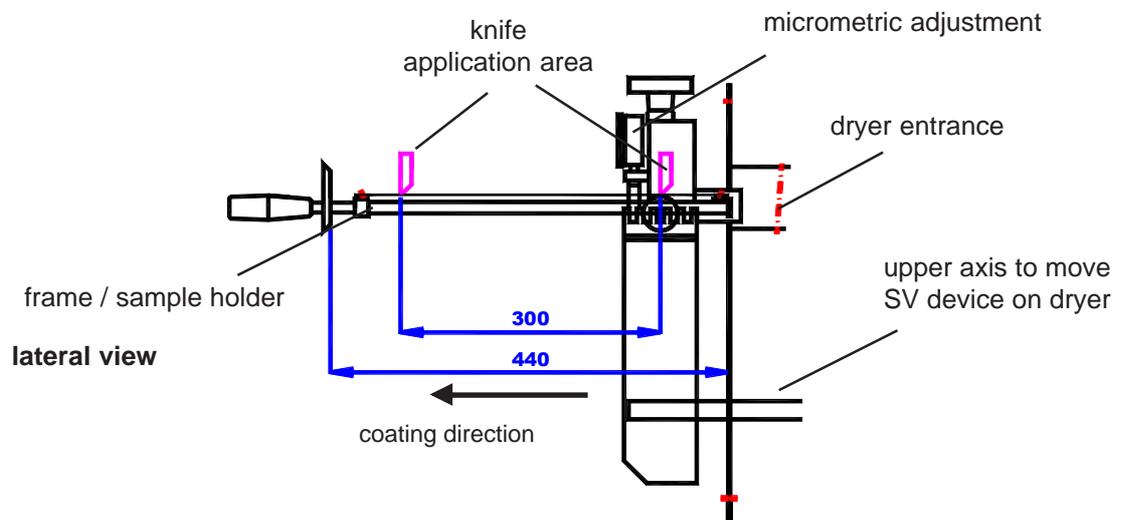
Type Meyer bar

Stainless steel bar with wire around in spiral form for coating of adhesives or paper covering. Used instead of knife.



COATING DEVICE - TYPE SV

The coating head is installed in front of the hot air dryer (tenter frame), for immediate coating on sample, before drying & thermo-fixation.



TECHNICAL DATA - DRYER & COATING DEVICE - TYPE LTE-S-B:

Maximum sample size	33 x 42 cm	Motor	1,5 kW
Temperature	20 - 220°C (optional: 250°C)	Width	73 cm
Holding time	1 s - 99 min	Length	99 cm
Heating	7,2 kW	Height	93 cm
Air circulation	up to 1700m ³ /h	Weight	approx. 220 Kg

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Aparelhos de Laboratório para Indústria Têxtil
 Papel, Coating, Colorimetria Computadorizada
 Máquinas de Tingir Fitas em Contínuo
 Teares de Agulha e Máquinas Crochê

Aparelhos de Laboratório Mathis Ltda

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