

Mathis

Laboratory

Mini Pad-Steam

Type TPS-B 350/500mm

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Mini Pad-Steam with 350mm or 500mm wide rollers for development of new colors, products and processes in laboratory, simulating production processes.

Laboratory Mini Pad-Steam - type TPS-B

Mini-Pad-Steam for trials on small samples, to simulate continuous Pad-Steam dyeing processes in laboratory.

Used for dyed and printed textile fabrics, made of cotton, viscose or their mixtures with synthetic fibers.

Machine is composed by:

Un-winding device for sample at entrance with mechanic break, where maximum diameter with sample on roller is 350mm.

Impregnation trough with 0,3 - 1,5 liters.

Vertical padder with pneumatic pressure system, and cylinders covered by nitrilic rubber with 65 ShoreA.

Steaming chamber with:

- Direct and indirect steam coil heating.
- Over-heating of steam up to 105°C by means of electric heaters located above the water bath.
- Sample entrance, ceiling and exit heated by electric heaters to avoid condensation water drops.
- Water seal at exit.
- Up-winding device for samples at the exit, driven by padder with adjustable tension through pneumatic clutch.

Washing units - optional (on request).

Technical Data:

	TPS-B-350	TPS-B-500
Fabric content inside chamber	1 or 3 m	1 or 3 m
Rollerwidth	350mm	500mm
Working width	300mm	450mm
Transport speed	0,2 - 5,0 m/min	0,2 - 5,0 m/min
Impregnation trough volume	0,3 - 1,5 liters	0,3 - 1,5 liters
Steamer temperature	up to 105°C	up to 105°C
Size	C = 1250mm P = 670mm A = 1050mm	C = 1250mm P = 820mm A = 1050mm
Compressed air (from customer)	5 bar	5 bar
Steam to be provided by customer	4-6 bar	4-6 bar



Aparelhos de Laboratório para Indústria Têxtil
Máquina de Tingir Fitas Estamparia e Coating
Automação Industrial

Aparelhos de Laboratório Mathis Ltda

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