Mathis

LABORATORY STEAMER & DRYER (TENTER)
Type DH/DHe

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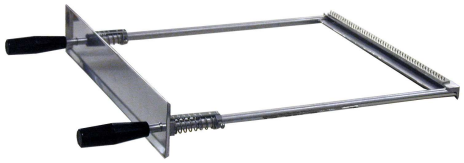
Steaming, thermofixing and drying of samples with programmable temperature control (up to 240°C), humidity control (up to 100%) and exposure time. Adjustable air flow.
Maximum sample size: 33 cm x 42 cm

Laboratory steamer with automatic sample transport according to programmed exposure time. Can be used with saturated steam, overheated steam and high temperature steam (up to 200°C) through humidity controller (40 to 100%) and temperature controller.
Beside being used as a steamer it can be used as dryer (tenter) with hot air up to 240°C, and a fan with two different speeds.

SEVERAL SAMPLE HOLDERS AND FRAMES:



Pin frame adjustable in length:

The sample is pinned up on needles at both ends of the frame, and can be stretched in length with 0 - 10 kP.
Maximum sample size is 33 x 42 cm.

Pin frame adjustable in length and in width:

Special holder for knitted fabrics.
The sample is pinned up on needles at both ends of the frame and on both sides, and can be stretched in length as well as in width.

Holder for paper and coated samples:

Special holder to stretch paper or other kind of sheets.

Sieve frame:

Special holder made of two stainless steel wire nettings to keep loose material samples in between, as fibers, tops, cellulose, non-woven, etc.

TECHNICAL DATA:

	DH (steam to be provided by customer)	DHe with (electric) steam generator
Maximum sample size	33cm x 42cm	33cm x 42cm
Steaming	10 - 100 %	10 - 100 %
Temperature	20 - 220°C (optional: 250°C)	20 - 220°C (optional: 250°C)
Exposure time	1 s - 99 min	1 s - 99 min
Heating	8,5 kW	15 kW
Motor	1,0 kW	1,0 kW
Dimensions (LxCxH)	1270 x 1090 x 960 (mm)	1400 x 1090 x 960 (mm)
Weight	approx. 300 Kg	approx. 300 Kg

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

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