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*Paper sheet forming
equipment
Type FORM-B*

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*Laboratory equipment to form paper sheets of 15cm x 18cm.
The paper mass is disposed on top of a net frame with adjustable level control, and the water is drained automatically.
Optional: water / float collecting system for analysis.*

FORM equipment:

Laboratory equipment developed to form paper sheets of 15 cm x 18 cm, starting from cellulose mass in water.

Equipment made in stainless steel, with integrated panel.

Frame automatically is driven down on top of net when pneumatic key is activated on panel. This frame attaches hermetically to the plastic/nylon net, which lays on top of a stainless steel net. The nets are removable, and are located upon a trough.

To form a paper sheet first of all the water entrance key is activated, which fills up the trough up to the level sensor. Then the cellulose mass with water (up to 500ml) is added on top of the floated net, to get a uniform layer of paper mass. Next step is to drain the water by suction to remove as much water as possible, leaving behind on the net only the cellulose as a wet sheet.

Once the paper sheet is formed, the frame is driven up pneumatically, and the nets are removed with the humid paper sheet .



Optional: float / water collecting system (after paper sheet forming) for further analysis.

Technical Data

Paper sheet size	15 cm x 18 cm
Water / float volume	500 ml
Power consumption	0,5 kW
Compressed air	4 - 5 bar
Size (mm)	360(L) x 520(W) x 550(H)

FORM-B

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