



LABTECH INSTRUMENTS INC.

Sheet Machines

Standard and semi-automatic



Sheet Formers permit the preparation of a smooth and reproduceable handsheet to measure the optical and physical properties of a pulp, with a minimum of washing and contamination of the sample. All LABTECH Formers are constructed of 316 Stainless Steel. Bronze bushings are used to insure smooth operation of hinged components. The Grid Plate, Deckle, Sheet Mold, Drop leg and Sump are constructed of 316 Stainless Steel. The unique latch system is also constructed of solid stainless. An adjustable bronze wear plate insures a proper seal of the deckle against the sheet mold. All formers are supplied with 2 couch plates and 1 grid plate (150 or 120 mesh).

ABOUT LABTECH

Labtech Instruments inc. is a manufacturer of instruments used in the evaluation of Pulp and Paper properties in order to assess product characteristics and final quality.

CONTACT US

Labtech instruments inc.
Address : 1011, Autoroute 13, Laval (Québec), H7W 4V3 Canada
Phone number : 1+ (450) 681-9286
E-mail : info@labtech.ca
Fax : 450-681-2568



White Water Return System (Option for Sheet Machines)

Laboratory White Water return system is used to determine the effect of the White Water on the physical properties of the Pulp. All Labtech Sheet Machines may be fitted with this system. The system provides the opportunity to use the former with or without the White Water. System supplied complete including the reservoir, supply line and pump for re-circulation of the white water through the sheet forming system.



Three versions are available.

Standard Sheet Machine 200 Series

The 200-1 Standard Sheet Former includes all of the accessories required to prepare 159mm hand-sheets in accordance with the appropriate standards.

Features

- 316 Stainless steel construction
- Unique latch system that ensures a proper seal of the deckle
- Complete with grid plate, stirrer, couch roll, 2 couch plates
- White Water Return System available (option)
- Complies with TAPPI T-205 & T-218, PAPTAC C.4 & C.5, ISO 5269/1



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Ordering Info

Model: 200-1

Option: White Water Return System (110V or 220V)

Elect.: Not applicable

Instrument size: 14" x 12" x 55"

Weight: 125 lbs

Shipping dimensions: 45" x 25" x 20"

Shipping weight: 185 lbs



Semi-Automatic Sheet Machines 300 Series

The Semi-automatic Sheet Formers create standardized laboratory hand-sheets that allow the physical properties of the pulp to be evaluated. Semi-automatic operation eliminates operator influence, ensures high repeatability, and increases sheet output compared to standard sheet machines. No longer having to manipulate the heavy Couch Roll and cumbersome Stirrer is greatly appreciated by those producing a large number of hand-sheets, reducing operator fatigue. Labtech Semi-Automatic Sheet Formers are available in two models: Model 300-0 (Self-Contained version) and Model 300-1 (Bench version)



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Model 300-1 (Bench version)

The 300-1 Semi-Automatic Former requires fitting to a counter.

Features

- Stainless steel construction
- Two step operation: 1- Auto fill, stir settle and drain 2- Auto couching
- Convenient, user friendly control panel
- All timing and pressure settings are user programmable
- Full PLC control of the test sequence
- Adjustable level sensor
- Color coded pneumatic runs for easy installation and troubleshooting
- White Water Return System available (option)
- Complies with TAPPI T-205 & T-218, PAPTAC C.4 & C.5, ISO 5269/1

Ordering Info

Model: 300-1

Option: White Water Return System

Elect.: 110V/60Hz or 220V/50Hz

Instrument size:

– Control Cabinet: 20" x 9" x 23"

– Sheet Machine : 22" x 13" x 55"

Shipping dimensions: 45" x 25" x 48"

Weight:

– Control Cabinet: 30 lbs

– Sheet Machine: 155 lbs

Shipping weight: 255 lbs

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Model 300-0 (Self-Contained version)

Operation of the 300-0 Semi-Automatic Sheet Machine is identical to that of the 300-1. The first 300-0 was ordered by a customer looking to save counter space in his laboratory. Since then, it is part of our product line.

Features

- The unit is installed in a 316 stainless steel self-contained housing
- Fits into a space of 26 inches wide; no counter space required
- Simply connect the water, air and drain and the instrument is ready to use
- Two step operation: 1- Auto fill, stir settle and drain 2- Auto couching
- Convenient, user friendly control panel
- All timing and pressure settings are user programmable
- Full PLC control of the test sequence
- Adjustable level sensor
- Can house an internal White Water Return System (option)
- Complies with TAPPI T-205 & T-218, PAPTAC C.4 & C.5, ISO 5269/1

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Ordering Info

Model: 300-0

Option: White Water Return System

Elect.: 110V/60Hz or 220V/50Hz

Instrument size: 26" x 28" x 58"

Weight: 200 lbs

Shipping dimensions: 30" x 32" x 64"

Shipping weight: 350 lbs

Consommables



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