



Pulmac Masterscreen™

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The MasterScreen is a low consistency screening device designed to mechanically separate fibers from contaminants, including stickies, dirt, shives, vessel cell elements, plastics and hot melts. Contaminants are deposited auto-matically onto a filter paper for display and analysis.

The MasterScreen provides a rapid and repeatable method for the collection of both shives and/or stickies. For shives, it allows for the pinpointing of problems that occur in areas such as digesters, cleaners, refiners, grind-ers and screens. For stickies, it allows for the pinpointing of problems that occur in repulpers, cleaners and screen-ing. This data will support reducing the frequency of dirt, shives or stickies in the final product, leading to increased profitability.

Related Test Methods:

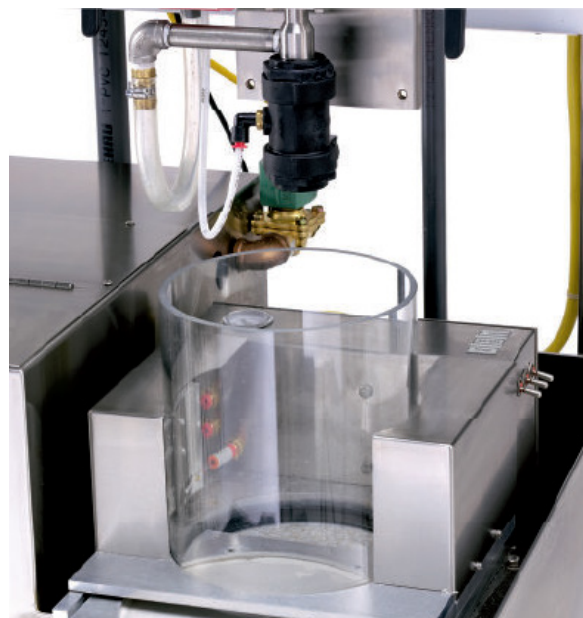
- PAPTAC C.12P Sep 03 Laboratory Screening of Pulp (Pulmac-Type Instrument)
- TAPPI T 274 sp04 Laboratory Screening of Pulp (MasterScreen - Type Instrument)
- INGEDE Method 4 99-12 Analysis of Macro Stickies in Deinked Pulp (DIP)
- ASTM D6148-97 (2002) Standard Practice for the Separation and Examination of Stickies
- ISO 15360 - 2:2001 Recycled Pulps - Estimation of Stickies and Plastics image analysis method
- TAPPI T 277 pm-99 Macro Stickies Content in Pulp: The "Pick-Up" Method

Service & Hardware Requirements:

- 10 gal per minute of potable filtered water
- 3/4" NPT male fitting for water supply
- 1 1/2" NPT male fitting for drain
- 115v, 60 Hz, 20 Amp electrical service
- Compressed air at 10 CFM at 60 psi
- 3/8" slip fitting for air supply

Technical Specification:

Weight	147 kg
Dimensions	(W) 889 mm x (H) 2032 mm x (D) 838 mm



Auto Filter

System Features:

- Pressurized screening chamber adjustable to 15 PSI
- Screens up to 100 g (oven dried equivalent)
- Results between 10 - 15 minutes
- Laser cut screen plates available in two standard sizes (.004" and .006") and custom between .003" - .014"
- AutoFilter for quick deposit of contaminants
- AutoFilter can be customized to accommodate various sized filter paper
- AutoFilter cartridge is easily repaired with "bolt in" screen
- Lid on feed tank localizes water spray
- Large feed tank to accept samples up to 100 g, oven dried equivalent
- Feed tank air mix to ensure delivery of uniform consistency
- XLQ valve between screening chamber and feed tank
- Multi program feature including MS A, XLQ, SA, and SCR N
- Adjustable feed tank level control



XLQ Valve

Ordering Information:

SKU

PUL-MSTSCREEN

Article Description

Technidyne Masterscreen™

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

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