

Masterscreen XLQ

The MasterScreen™ XLQ model is a low consistency screening device designed to mechanically separate fibers from contaminants, including stickies, dirt, shives, vessel cell elements, plastics, hot melts.

Contaminants are deposited automatically onto a filter paper for display and analysis.

Benefits

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, grinders and screens.

For stickies, it allows for the pinpointing of problems that occur in repulpers, cleaners and screening.

This data will support reducing the frequency of dirt, shives or stickies in the final product, leading to increased profitability.

Bottom-line: increased profitability through troubleshooting, optimisation and monitoring.

Features

- Pressurized screening chamber adjustable to 1 bar
- Screens up to 100 grams
- Results between 10 - 15 minutes
- Laser cut screen plates available in two standard sizes (100 and 150 µm)
- Autofilter for quick deposit of contaminants
- Autofilter can customized to accomodate various sized filter paper
- Autofilter cartridge is easily repaired with "bolt in" screen
- Lid on feed tank localizes waterspray
- Large feed tank to accept samples up to 100 grams, 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 SCRN
- Adjustable feed tank level control



Physical specifications

Dimensions

89 x 84 x 203 cm (WxDxH)

Net Weight

121 kg

Options

Laser-cut precision screen plates in special dimensions between 75 and 350 µm

Standards

- PAPTAC C.12P Sep 03 Laboratory Screening of Pulp (Pulmac type instrument)
- TAPPI T 274 sp04 Laboratory Screening of Pulp (Master-screen 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