

MASTER Screen



R



Rapid Results

Displays **Rejects** in less than 10 minutes.

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Description

Pulmac Inc's Master Screen is a low consistency screening device designed to mechanically separate contaminants such as shives, dirt, and/or stickies from fiber. After screening, contaminants are washed directly onto an 8"/20 cm filter paper and water is removed by the Auto Filter's vacuum-assist drain system. The R number represents the value of the contaminants rejected by the screen plate and is measured by weight, ppm, or mm^2/M^2

Benefits

The Master Screen by Pulmac Inc provides a rapid and repeatable method for concentrating and collecting shives, stickies and/or dirt. For shives, it allows you to pinpoint problems that occur in areas such as digesters, cleaners, refiners, grinders and screens. For stickies, it allows you to pinpoint problems that occur in repulpers, cleaners, and screens. This data will allow you to reduce the frequency of dirt, shives or stickies in the final product, leading to improved process efficiency.

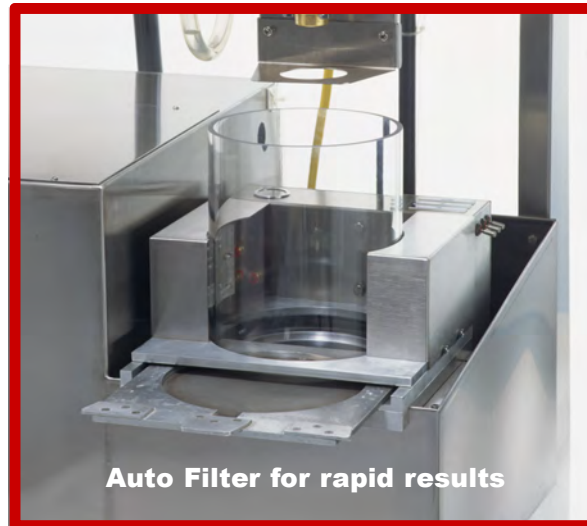
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Repeatability

Mill operators obtain repeatability of +/-15% for stickies and of +/-5% for shives at 95% confidence.

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Auto Filter for rapid results

Features

- CE compliant
- Conforms to TAPPI T274 sp04 Laboratory Screening of Pulp
- Will screen up to 100 grams (oven dried equivalent)
- Results in 5 to 10 minutes
- Standard screen plates available with 100 or 150 micron slots
- Auto Filter to rapidly display reject contaminants
- Auto Filter's air mix offers even distribution on an 8" - 20cm- filter paper
- Auto Filter cartridge allows easy removal & replacement of filterpaper display
- Auto Filter vacuum system removes water automatically
- Feed tank accepts samples up to 100 grams, oven dried
- Feed tank mixer to maintain uniform consistency
- Three distinct test cycles to match sample size and screenability

Service and Hardware Requirements

- 30 litres per minute of filtered water
- 3/4 female hose or 1/2 MPT fitting for water supply
- 1 1/2 MPT male fitting and floor drain for waste water
- Single phase, 115VAC, 20 Amp or 220VAC 10 Amp, 50 or 60 Hz
- Compressed air 485 Kpa at 4.72 liters/sec
- 1/4" or 6 mm OD Hose for air supply