

FLOTATION DE-INKING CELL

This is a flotation cell for the de-inking of recycled papers. It is expressly designed for evaluating the procedures, chemicals and processes required to handle the rapidly increasing use of recycled paper. The flotation de-inking cell provides ink removal efficiencies similar to commercial scale units through precise control of injection flow and pressure.

Operation

During flotation the air and dust are dropped tangentially into the reservoir. During the flotation time the rised printing ink foam is skimmed with a scraper.



Features

- The cell can be used in conjunction with laboratory pulpers and screw press to conduct extensive testing of recycled fiber systems
- Flotation cell is mounted on a rugged aluminium frame and is shipped ready to use
- Circulation loop is 3/4" PVC
- Control of stock circulation pressure, air pressure and air flow
- All wetted parts of stainless steel or corrosion resistant materials

Physical specifications

Dimensions

46 x 101 x 97 cm (WxLxH)

Net Weight

57 kg

Options

- Stainless steel circulation loop
- Heated tank

Performance data

Sample

Median sample size 280 g @ 1 % consistency

Volume

Median operating volume 28 l

Air

Maximum air required 6.5 bar

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