

**LABORATORY SCREEN
TYPE SOMERVILLE**
model SM-21



The SM-21 is a Somerville type Laboratory Screen, used worldwide for separating contaminants, such as shives, stickies, flakes and particles, from a pulp slurry.

The screen box is easily opened thanks to its single action smart latch, enabling quick access to the screen for the routine procedures of collecting retained fraction and washing equipment.

Weirbox has adjustable built-in weir to keep water level at standard height of 102mm above screen plate surface during operation.

MAJOR TECHNICAL CHARACTERISTICS

Screen plate of stainless steel with 756 slots of 0.15 mm x 45 mm

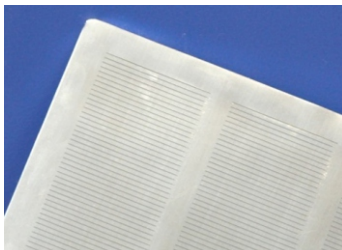
Screen box of 315 mm x 250 mm articulated and with quick action latch

Central spray nozzle with 12 jets parallel to screen plate and adjustable flow

Pulsating diaphragm running at 12 Hz and 3.2mm amplitude



General view of screen box, screen plate, nozzle and weirbox



Detail of standard screen plate.

Rugged frame made of welded steel profiles protected by electrostatic epoxi paint, supported by stainless steel & rubber leveling feet. Electromechanical drive enclosed by plastic covers. All parts in contact with water made of corrosion resistant materials.

Applicable standard: · TAPPIT-275

Power supply	220 VAC, single phase, 50/60 Hz, 350 W
Water supply	1.5 bar, instrument quality, 1 m ³ /h
Drain	Required, 2", floor level
Dimensions	(640 x 380 x 1100) mm (W x L x H)
Weight	66 kg

Note: due to constant development our equipment design and specifications are subject to change without notice.

Address: Av. Dr. Alberto Jackson Byington, 1595 · **CEP:** 06276-000 - Osasco - SP - Brazil
Phone: + 55 11 3601 5700 · **e-mail:** regmed@regmed.com.br
www.regmed.com.br