

Canadian Standard

Freeness Tester »CSF« manual model

Code: P.404.M

Usage

To measure the freeness and dewatering rate of suspensions according to Canadian standards.

Applicable standards

- ISO 5267-2
- TAPPI T 227
- SCAN C21/M4





Nozzle calibrated acc. standard



CSF screenplate calibrated acc. standard

Device description

The PTE Austria CSF tester stands out for its easy operation without any power supply needed. The device is made solely of corrosion resistant and high quality material. It presents itself in a modern, easy to clean, stainless-steel look and a light-weight drainage chamber made of POM (polyosymethylene – a highly resistant plastic).

Process description

The sample suspension, previously prepared with the Disintegrator (Code: P.401.x), is poured into the filling chamber (closed at the bottom). The upper lid is closed, and the lower one is opened. Then, the valve on the upper lid is opened to fill the upper chamber with air, initiating the dewatering process. The water and filtrate flow through the lower separating funnel into the two measuring cups, allowing the °CSF value to be read. The pulp fibers remain in the screen, which can then be removed for dry content measurement or cleaning.

Specifications

- corrosion-resistant and highly durable materials
- high quality light weight POM chamber
- stainless steel housing in a modern design
- manual operation without any power source
- simple test process start by opening a valve
- special lid locking system for quick opening/closing
- lightweight materials for comfortable handling during the process and when cleaning
- adjustable feet for levelling on site
- incl. nozzle calibrated to standard
- incl. sieve calibrated to standard
- incl. two measuring beakers with °SR and °CSF scale
- CE certified

Connections

Manual operation, no connections needed.

Parameters

	Dimensions	Weight
Net	425 x 410 x 920 mm	32 kg
Gross	1080 x 580 x 660 mm	70 kg