

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





°SR and °CSF measuring beakers



PAPRICAN calibrated sieve plate

Device description

The drainage and filling chambers of the *PTE Austria* CSF Tester are mounted on a robust frame made of stainless steel. The filling chamber is equipped with a frame and a special calibrated screen plate on the bottom end. Via the also on this chamber mounted funnel, the water is guided from the upper cylinder into the measuring beakers, on which the actual values can be read in CSF degrees.

Process description

The sample is prepared acc. the standard and the suspension is filled into the upper cylinder, while the bottom lid is closed. The upper lid is closed. The lower lid is opened manually and only some drops are allowed to drop. Then the valve on the upper lid is opened manually, air comes into the cylinder which allows the drainage to start. The water drains through the sieve and the pulps is held back on the sieve. The drained water is guided into the 2 measuring cylinders and visually examined.

Specifications

- top quality and manufacturing
- high quality lightweight POM chambers
- stainless steel construction of the frame
- stainless steel housing
- manual start by opening a valve
- lightweight materials for better handling while operating and cleaning

Connections

Manual, no connections needed.

Parameters

| | Dimensions | Weight |
|-------|---------------------|--------|
| Net | 425 x 410 x 920 mm | 32 kg |
| Gross | 1000 x 500 x 500 mm | 47 kg |