



# FREENESS TESTER

## Canadian standard method CSF-20 model

For the determination of the degree  
of refining and the drainage speed  
of the paper fibers.



## FREENESS TESTER Canadian Standard method CSF-20

### GENERAL INFORMATION

Measures the rate of drainage of a diluted pulp suspension. The drainage rate is related to the surface conditions and swelling of the fibers. It is widely used to track the changes in the drainage rate of various chemical pulps during beating and refining.

The values obtained in the Freeness Tester CSF-20 Canadian method (°CSF or ml) are the measure to which a pulp suspension performs dewatering.

Based on the TAPPI T227 and ISO 5267/2 standards, 3 dry grams of paper pulp are diluted in water and the suspension is poured into the drain container.

The upper lid closes, and the lower lid opens.

The suspension is now on the calibrated sieve plate.

- **Easy to use**
- **Safety of use**
- **Robust design**
- **Equipment in stainless steel version**
- **Ease of cleaning**
- **Ease of operation**
- **Ergonomic**



### SPECIFICATIONS

- **Cylinder capacity: 1000 ml above the sieve plate**
- **Volume of the lower section of the cone:  $23.5 \pm 0.2$  ml**
- **Slope of the main cone:  $29^\circ \pm 5'$**
- **Funnel holes: 2 holes; one lower and one lateral**
- **Distance between the bottom overflow edge of the funnel and the end:  $50.8 \pm 0.7$  mm**
- **Diameter of the sieve plate perforations: 0.50 mm diameter**

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Model	Upper cylinder capacity ml	Sieve plate perforations diameter mm	Applicable Standards	Dimensions W x D x H / mm	Weight kg
CSF-20	1000	0,5	TAPPI T227 ISO 5267/2	400x300x850	38

**DIMENSIONS OF TRANSPORT PACKAGING:** 500 x 300 x 850 mm (W x D X H)

**GROSS WEIGHT:** 60 Kg

### STANDARD SUPPLY CONTENT:

- \* Freeness Tester Canadian Standard Method CSF-20
- \* 2 Acrylic graduated glasses