

## PNEUMATIC CANADIAN FREENESS *model CF-21*



The Canadian Freeness is used worldwide for determination of the drainability of pulp suspensions.

The drainability is the measurable index of the efficiency of refining process.

The refining of pulps is one of the most important stages in the paper production process and because it consumes much energy and influences strongly the sheet forming and its physical properties.

Applicable to all kind of pulps in aqueous suspension.

CF-21 is designed for bench top installation and includes levelling feet and precision bull-eye level.

All pneumatically driven lids for the drainage chamber ensure simple, accurate and quick operation with maximum comfort meeting modern requirements for health and well-being of users.



Consistency Cups



Quick Drainage Device CF-DR

### MAJOR TECHNICAL CHARACTERISTICS

Calibrated bottom orifice	(74,7 ± 0,7) s for 1 L of H <sub>2</sub> O
Drainage chamber volume	1000 mL
Drainage area	81 cm <sup>2</sup>

*Stainless steel and chromed bronze-cast components provide ruggedness needed for usual intensive routine of Q.C. Tests.*

*Calibrated standard screen plate - FPI Innovations (PAPRICAN)*

#### **Optional accessories:**

- Filter for water model GS200UV - 5 L/min according to ISO 14487
- Device CF-DR used to remove the fibers from the drainage chamber. Fitted with pneumatic vacuum generator.
- Consistency cups for quick preparation of 1L testing fraction of pulp suspension

#### **Applicable standards:**

ISO 5267/2 · TAPPI T-227 · SCAN C21/65

Air supply	6 bar, instrument quality
Air consumption	0,1 m <sup>3</sup> /h
Dimensions	(350 x 500 x 900) mm (W x L x H)
Weight	36 kg

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

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