



## PAP-TECH ENGINEERS & ASSOCIATES

### PAP-TECH: FREENESS TESTER (°SR)

MODEL: PAP-3052 (CANADIAN TYPE)

Measures the **Canadian Freeness number** which is a measure of the drainage capacity of different pulp types. The drainage rate has been shown to be related to surface conditions and swelling of the fibers. It is also useful index of the amount of mechanical treatment given to the pulp.

#### Salient Features:

- Canadian Freeness tester has its container sealing lids sprung loaded and wivel through 90. The lids are opened by means of light pressure on the release handles. The container grip enables easy removal for cleaning.
- It's Nozzle and screen plate are calibrated according to relevant standards. Two Measuringcylinders are included.
- Standard equipment has a bench top stand. Alternatively Wall mounted model can be supplied on request.



CANADIAN TYPE

## **TECHNICAL - SPECIFICATION**

Capacity of the cylinder: The Volume in the Bottom Section of the cone:	1000 ml above the screen plate.  23.5 ± 0.2 ml (adjusted by means of the threaded plug in the side orifice) Any change in this volume may affect the calibration.
Slope of the main cone:	29° ± 5 min.
Orifices provided in funnel: Distance between the overflow lip of the tube (inside the funnel) and Bottom of the funnel section:	Two, one at the bottom & other on the side.  50.8 mm ± 0.75mm. Note : This is extremely critical and set precisely at the works.
Size of the perforation in the Screen plate:	0.50 mm diameter.

### **APPLICATION STANDARDS**

ISO5267/2, CPPA- C1  
BS6035/2, TAPPI T 227 M-58

### **OPTIONS**

Blade grid for determination of fibre length index