

# L&W Pulp Tester CSF

## Lorentzen & Wettre Products | Pulp Measurements

Measuring and controlling dewatering of pulp suspensions is one of the most important stages in the paper production process, as it consumes energy and strongly influences sheet forming and physical properties of the end product. With the optional module L&W Pulp Tester CSF in your system it is possible to obtain an optimal balance between price, quality and production capacity.

L&W Pulp Tester CSF measures freeness according to Canadian Standard Freeness (CSF). The CSF method is widely used for mechanical pulps. Uneven dewatering may cause operational problems in the paper machinery. High freeness means easily dewatered pulp. L&W Pulp Tester CSF is designed to meet the requirements of ISO 5267-2 and TAPPI 227.

### The module incorporates

- Drainage chamber with a bottom lid and a top lid with a valve
- Funnel, volume tank, measuring beaker, rinsing station for cleaning the drainage chamber and a waste water system
- A computer in the main system controls the testing sequence, data acquisition, storage of readings, data processing, and report generation of the readings

### Reliable and rapid results

Measurement results are displayed as different default and user-defined numerical and graphical reports and can be stored in the L&W Pulp Tester database. After a measurement cycle, results can be transferred through the mill's data network for immediate action of the operators. L&W Pulp Tester also features communication protocols, networking and remote support possibilities.

### Technical specifications

#### L&W Pulp Tester CSF – code 967

|                   |  |
|-------------------|--|
| Screen plate      | 97 holes with 0.5 diameter per cm <sup>2</sup> |
| Measuring range   | 20–700 ml                                      |
| Consistency       | Controlled to be 0.30 %                        |
| Water temperature | 10–25°C to stay within compensated range       |
| Temperature       | Correcting for temperature to 20°C             |
| Dimensions        | 520 × 1860 × 660 mm<br>20.5 × 73.2 × 26.0 in   |
| Weight            | 81 kg<br>178.6 lb                              |

#### Applicable standards

ISO 5267-2; TAPPI 227

For more information, please contact:

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