

Schopper Riegler

Freeness Tester - digital model

Code: P.403.D-xxx

Usage

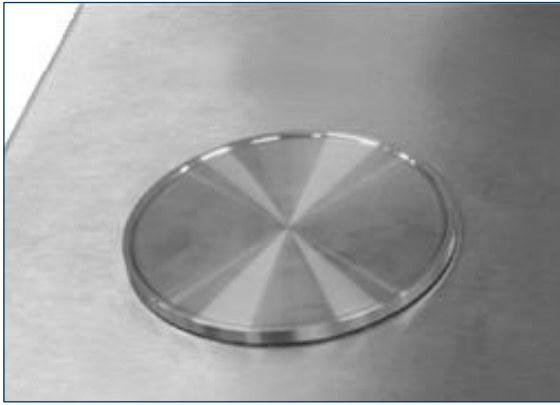
To determine the freeness and the drainage properties of fiber and pulp suspensions.

Applicable standards

- ISO 5267-1



POM or Stainless Steel
Drainage Chamber



Measuring balance integrated

Device description

This high-quality product is characterized by the intuitive and easy operation of the device via touchscreen and *PTE Austria's* own software. Only premium stainless steel, aluminum and/or POM-parts (Polyoxymethylene – a high resistant type of plastic) are used for manufacturing this testing equipment. The sealing cone is raised via touchscreen. The filling chamber is easy to demount allowing to take out the sieve with the remaining fibers very fast for dry content tests. The calibrated nozzle exactly rinses 1 000 ml in 149 seconds. The device is always delivered with two measuring beakers with a SR° and ml-scale. The digital version also comes with a high precision measuring balance for frequent repeatability of tests and very accurate measuring.

Process description

The pulp suspension is poured into the closed filling chamber on top of the funnel. The sealing cone is lifted automatically and the suspension drains into the funnel. The fibers remain on the sieve placed between the filling chamber and the funnel. The water is separated into the two measuring beakers that are placed under each orifice. The number of °SR is shown on the digital display in numbers and as a dewatering curve. Now the filling chamber is opened and the sieve can be taken out for cleaning or to make a dry content determination after drying the fibers.



PTE Austria's own software

Specifications

- high-quality material and manufacturing
- housing and drainage parts made from sturdy stainless steel
- standardized ISO - nozzle
- easy to operate via 10" touchscreen
- *PTE Austria's* especially developed software
- automatic determination of the drainage curve
- 2 measuring beakers included
- built-in measuring balance for high accuracy
- USB port and ethernet port

Connections

- Electricity: 110 – 240 V, 50/60 Hz AC
- Air: 400 – 600 kPa

Parameters

Dimensions	Weight
500 x 780 x 450 mm	30 kg

Models

Code	Device
P.403.D-POM	Schopper Riegler digital with POM drainage chamber
P.403.D-POM-T	Schopper Riegler digital with POM drainage chamber and temperature control
P.403.D-SS	Schopper Riegler digital with stainless steel drainage chamber
P.403.D-SS-T	Schopper Riegler digital with stainless steel drainage chamber and temperature control