

Schopper Riegler

Freeness Tester manual

Code: P.403.M-xxx

Usage

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

Applicable standards

- ISO 5267-1





High-quality stainless steel funnel

Device description

This high-quality product is ideal for laboratories without compressed air connection and is characterized by the simplicity of operation. Only premium stainless steel, aluminum and POM (polyoxymethylene – a highly resistant type of plastic) parts are used for manufacturing this testing equipment. A special sieve is defining the bottom of the filling chamber, which leads into a separating funnel with two orifices.

Process description

A sealing cone seals the filling chamber against the separation funnel and prevents the leaking of the suspension before the actual test start. The sealing cone is lifted in the speed according to the standard by using the manual switch on the right side of the device. The pulp solution, which was first prepared with a disintegrator device (PTE Austria Code: P.401.x) is now filled into the closed filling chamber on top of the funnel. The sealing cone is lifted by using the hand lever switch and the suspension drains into the funnel. The suspension drains through the sieve, the fibers will be secluded on the sieve and the filtrate as well as the water drains away through the separation funnel into the two measuring beakers. Both beakers are with SR degrees.



Drainage chambers & measuring beakers

Specifications

- modern design in stainless steel look
- manual operation without compressed air or electricity
- housing and drainage parts made of high-quality, sturdy & corrosion-resistant stainless steel, anodized aluminium and POM
- replaceable drainage chamber
- quick & uncomplicated insertion/removal of the SR sieve
- nozzle calibrated acc to international standards
- convenient single-lever operation (compliant with safety regulations)

Delivery content

- Schopper Riegler manual according to order
- 1x Set of spare sealings
- 2x Measuring beaker with °SR / ml
- User manual
- Certificates

Models

Code	Device
P.403.M-POM	Schopper Riegler manual POM drainage chamber and bayonet lock
P.403.M-SS	Schopper Riegler manual stainless steel screw top drainage chamber