

Schopper-Riegler | N6600

Compliant with standards

ISO 5267-1,SCAN C 19M3,BS 6035/1



Description

Device for determining the degree of refining ($^{\circ}$ SR) of the pulp.

- Easy to use and clean.
- Robust equipment in stainless steel or POM.
- Adjustable speed of cone rise (standard 100 mm/s).
- Pneumatic activation of the unlocking and closing system.
- Reading of the value directly on the graduated test tube.
- Protection against finger pinching.
- Simple paste recovery system.

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Technical specifications

The Schopper-Riegler apparatus is used to determine the drainability of a fibrous suspension. It has been shown that the drainability of the pulp is related to the specific surface area of the fibre, its swelling and thus its hydration capacity. This allows the definition of a refining index called Schopper-Riegler (SR).

In principle, this method is applicable to all types of pulp in aqueous suspension. However, in practice, the Schopper-Riegler test only gives acceptable results if a sufficiently dense fibre mat is formed on the wire cloth.

The most reliable results are obtained in the range of 10 to 90 SR. The results of this test do not necessarily correspond to the dewatering behaviour of pulp material on a commercial paper machine.

Characteristics

Air

Contents of the delivery

2 Measuring cylinders
graduated plastic
1 sampling cup for
concentration to choose
between 3, 4, 5, 6 or 7%