



**PulpTester**

Article No. S40120

# JOKRO-MILL

For laboratory beating of pulp under standardised conditions.



Digital control I unit

## MOST IMPORTANT BENEFITS

- ✓ For simultaneous beating of 6 samples of each 16 g
- ✓ Digital display indicates speed, revolutions and time
- ✓ Grinding vessel sets  
are certificated by the University of Technology in Darmstadt, Germany

**FRANK-PTI**  
QUALITY TESTING INSTRUMENTS

SUBSIDIARY OF 

### Germany

FRANK-PTI GMBH  
Auf der Aue 1  
69488 Birkenau  
Tel.: +49 6201 84-0  
office@frank-pti.com

### Austria

PAPER TESTING INSTRUMENTS GMBH  
Hauptstrasse 41a (at BDZ)  
4663 Laakirchen  
Tel.: +43 7613 90607-0  
office@at.frank-pti.com

[www.frank-pti.com](http://www.frank-pti.com)

## PRODUCT DESCRIPTION

The Jokro mill, based on technology developed by Jonas/Kross, enables laboratory scale, standards-compliant and reproducible beatings of pulp, using the principle of centrifugal force. Six rolls revolve around their own axes, like planets, within special beater housings. At the same time they orbit a central pivot point. The pulp is beaten between the inner wall of the housing and the cylindrical roll. This principle guarantees the most consistent possible beating load.

## TEST DESCRIPTION

A weighed pulp sample prepared with a standard-compliant disintegrator (see page 12) is added to the individual containers. Each roll is placed within a beater housing, and each housing is closed with a cover. After inserting the containers (2, 3, 4 or 6 of them), the safety cover is closed and the beating process is started. The mill stops automatically when the preset time or number of rotations is reached. The current number of rotations is shown on the display.

The container is removed after the beating process has ended. The freeness of each sample can then be determined with the Schopper-Riegler Freeness Tester (see page 16).

## TECHNICAL DATA

### DEVICE/INSTRUMENT

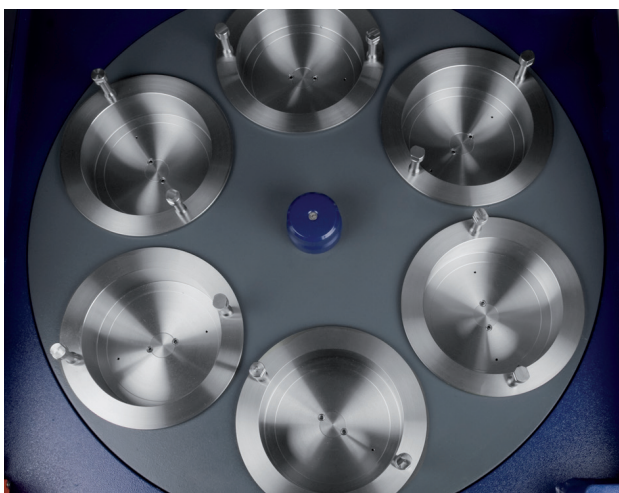
- Robust stainless steel casing and steel frame
- Very quiet in operation (max. 65 dBA)
- Horizontal running plate with 6 spaces for grinding vessel sets
- Revolutions infinitely variable (50 – 150 rpm)
- Safety interlock:  
Device can be opened only after complete stop of the rotating plate
- Digital display: speed, revolutions and beating time
- 6 grinding vessel sets and one reference beating set with test certificate from the Technical University Darmstadt
- Sample weight: 96 g (6 x 16 g)
- Beater housing with inner side diagonal knurling of 55°
- Torque wrench included in delivery
- Weight of the Grinding Set: 2,000 ± 1 g
- Speed of rotation:  
Grinding vessel sets: 171 rpm  
Around the central pivot: 150 rpm
- Optional: Grinding vessel sets from stainless steel

### INSTALLATION REQUIREMENTS

Electrical connection	230 V / 50 Hz
Water connection	No
Compressed air	No

### APPLICABLE STANDARDS

- SN EN 25264-3
- Zellcheming Merkblatt 105/5/60



Horizontal turning plate with 6 spaces for grinding vessel sets



Closing the grinding vessel sets with a torque wrench