

## RYCOLAB



### Usage

For beating pulp under standardized conditions for laboratory purposes

### Standards

TAPPI T200, TAPPI T205, ISO 5264-1, SCAN C25, CPPA C.2

### Characteristics

- Completely stainless steel made.
- Good reproducibility of refining pressure, adjustable by means of weights.
- Volume : 35 L.
- Refining roller speed : 500 r.p.m.
- Calculation of the power used for obtaining the desired refining grade.
- Beatable amount of pulp, maximum : 360 g.
- Coloring and sizing tests.
- Control panel with :
  - » Digital Ampere meter, to follow during refining power consumption variations produced by the different pulps, different concentrations and / or pressures over the refining roll
  - » Timer for indicate the end of the test.
- Protection cover.



Measure



Improve



Service



## Test description

360 g of wet paste in portions of about 25 x 25 mm in size are cut. The sample is diluted in 23 liters of water and the suspension is poured into the refining container. Before placing the weights on the lever, it is advisable to take a sample unrefined to have a set of test sheets. During refining, the first sample after 5 minutes is taken, and the following after every 15 minutes (sulphite pulps) or 20 minutes (Kraft pulps) to reach or exceed the maximum power.

The obtained samples can be used to make uniform sheets of paper to be tested. Thus, they can be plotted different curves refining through which pulps can be classified. These curves show not only the final effort of the paste, but also the ratio of stress developed, which is the most important.

## Connections

Electrical : 400 V, 50 Hz Water drainage : 3/4"

## Specifications

- Dimensions:  
1200 x 600 x 1300 mm
- Dimensions (including transport box):  
1500 x 900 x 1600 mm
- Weight Net / Gross:  
200 kg / 285 kg