

Laboratory BEATER "VALLEY type" VB-20 model

Beater type "Valley" for laboratory beating of pulps under standardized conditions

According to standards: ISO 5264/1 - SCAN C 25 - TAPPI T200 & 205 - PAPTAC C.2



- ❑ Beating tank made of stainless steel
- ❑ Repeatable and adjustable beating pressure by means of a weighted lever
- ❑ Volume of tank: 35 litres
- ❑ It allows to work out the used strength to obtain the wished freeness value
- ❑ Sample size: 360 g
- ❑ Carrying out coloring tests and mass pasting
- ❑ Security cover – CE mark

Test description

An amount of pulp corresponding to 360 grams of oven-dry pulp is taken and torn into pieces approx. 25 x 25mm in size. The sample is diluted in 23litres of water and the substance is poured into the refining tank.

Before placing the weights on the lever, it is recommended to take a non- refined sample to get a set of sheets test. During the beating process, the first sample is taken after 5 minutes and the next ones after each 15 minutes (pulp with sulphite) or 20 minutes (Kraft pulps), until obtaining or exceeding the maximum strength.

With these samples, uniform paper sheet can be manufactured to be tested.

Now the different beating curves can be traced and through them pulps can be classified. These curves not only show the last effort of the pulp, but also the ratio of the developed effort, which is more important.

Specifications

- ❑ Speed of beating roller: 500 r.p.m.
- ❑ Tank with 35litres capacity, which has been built on 18/8 stainless steel
- ❑ Beating pressure adjustable through weights
- ❑ Control board with:
 - Digital AMMETER, to follow the variation in electric consumption caused by different pulps, different concentrations and/or pressures on the grinding bolt during the refining process.
 - TIMER/ALARM: It disconnects automatically and it warns when the test finishes.

CONNECTION:

Electrical: 220 – 380 V trifásica, 50 ó 60 Hz

Water/Drainage: ¾ "

WEIGHTS AND DIMESIONS:

Dimensions: 1200 x 600 x 1300 mm (Ancho x Fondo x Alto)

Box for transport: 1500 x 900 x 1600 mm (Ancho x Fondo x Alto)

Weight net/gross: 200 Kg / 285 Kg

DELIVERY CONTENT:

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