PulpTester

Article No. S40130

LABORATORY BEATER "VALLEY"

For beating of pulp under standardised conditions for laboratory purposes.



MOST IMPORTANT BENEFITS

- ✓ **Robust device made entirely of stainless steel**
- ✓ **Knife and knife holder made of non corrosive materials**
- ✓ **Beating pressure adjustable by means of weight, zeroing by sliding weight**

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PRODUCT DESCRIPTION

The laboratory beater type “Valley” is made entirely of stainless steel. With a volume of 23 litres, the container is capable of beating 360 g of pulp. The rolls, with blades, have a diameter of 190 – 194 mm and are 152 mm wide. The bed knife contains seven 3.2 mm thick cast lead blades. The bed knife and bed of the beater are sealed by a rubber plate. A tank cover makes this a very safe design.

TEST DESCRIPTION

The 360 grams of pulp is formed into 25 x 25 mm pieces by hand, soaked with water and disintegrated. The suspension is then put in the laboratory beater type “Valley”, and topped up to make 23 litres. The device is started and operates for three minutes without any weight. A sample is taken before the actual beating starts. Then a weight of 5.5 kg is fixed to the lever and the beating process is started. Samples are taken at regular intervals (for bleached pulp, 5, 10, 15 and 20 minutes, for unbleached 5, 15, 30, 60, and 90 minutes). The pulp can then be used to make test sheets.

TECHNICAL DATA

DEVICE/INSTRUMENT

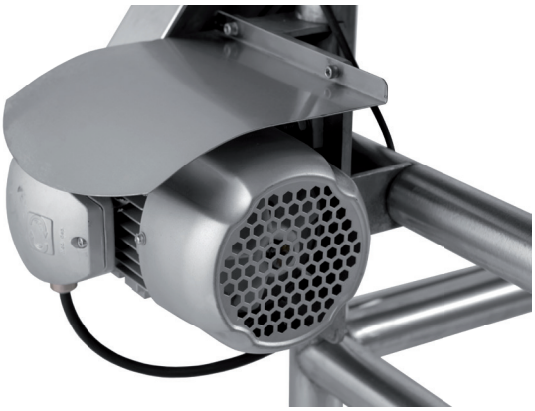
- Robust device made entirely of stainless steel
- Knife and knife holder made from non corrosive materials
- Build-in motor (safety class IP 55)
- Built-on control unit
- Capacity: 23 l (at 1.57% consistency)
- Sample weight: 360 g (atro)
- Roller speed: 500 rpm
- Optional: grinder from Stainless steel

INSTALLATION REQUIREMENTS

Electrical connection	230 V / 50 Hz
Water connection	Supply and waste water
Compressed air	No

APPLICABLE STANDARDS

- TAPPI T 200, T 205



Built in motor with safety cover



Beating pressure adjustable by means of a weight



Unit running with safety cover