

LABORATORY VALLEY BEATER

CATALOGUE NO.: GEC-P40313-A

Laboratory Valley Beater is used to beat pulp in a uniform, standard and reproducible way to determine the behavior of pulp in laboratory. Beating is a preliminary step to the testing of the physical properties of the pulp.

Test Description :

A measured amount of pulp of specific stock concentration is beaten between the bars of the roll and the bedplate of a Valley beater. An amount of the pulp corresponding to 360 gram of OD fiber is taken in a tub is filled with 18 liter water and maintain the temperature as per specified. The lever is released to engaged bed plate and beater roll to beaten. The beaten pulp is a standard specimen for the testing of the physical properties of pulp.



APPLICABLE STANDARDS:

ISO 5264/1, TAPPI T200, BS 6094 Part 1, SCANC25

Salient Features:

- Adjustable and repeatable beating pressure is produced by a weighted lever.
- Sturdy construction.
- MS fabricated tub lined with stainless steel ground and polished.
- Beater roll mounted in ball bearings in the tub valves to prevent spring action during beating.
- Beater roll and bed plate made of special non-rusting alloy and are readily exchangeable.
- Net tub volume 25 litres of 680 g bone dry pulp at 2 - 2.5% concentration.
- Motor and V belt provided.

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