

**LABORATORY BEATER**  
**(PFI MILL TYPE)**  
**CATALOGUE NO.: GEC-P40313-B**

**Laboratory Beater** is used in the laboratory for beating of chemical pulps under standardized conditions and also for the defibration of semi-digested raw material fibres.

**Test Description :**

A weighed and disintegrated pulp sample is put into the container. The swivelling beating head is placed over the container and the beating procedure starts when the head is lowered into the container. By moving the hand lever the beating head presses against the container wall. Now the machine beats to the preset number of revolutions. After reaching the adjusted number of revolutions the machine stops and the beating procedure ends. The head is moved again into the lateral position, the pulp is taken out of the mill and the <sup>0</sup>SR value and/or the CSF value is determined.

**APPLICABLE STANDARDS:**

**TAPPI T248, ISO 5264/2, SCAN C24,  
DIN-EN 25264-2**

**Salient Features:**

- High precision & best beater for processing pulp prior to formation of hand sheets.
- Versatile for a fast operation and small volume of pulp (30 g) with adjustable beating-gap.
- Extremely good reproduction of beatings for use in quality control and research.
- Beater roll and housing are made of SS.
- Pre-selection of the beater roll revolutions.
- Timing-belt driven roll and housing.



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