

# Laboratory Beater

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## Type „Valley“

Code: P.505.023

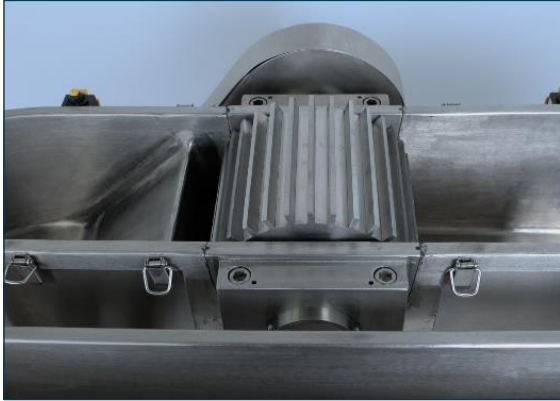
### Usage

*For beating pulp according to standardized conditions (360 g)*

### Applicable standards

- TAPPI T200m
- TAPPI T205m
- ISO 5264-1





Stainless steel knife roll



Hanging weight

### Device description

The Valley Laboratory Beater is constructed entirely from high-quality stainless steel, ensuring durability and resistance to corrosion. The device features a container with a capacity of 23 liters, designed to accommodate up to 360 grams of pulp in a single operation. The beater rolls, including the bedknife, measure 152 mm in width and have a diameter ranging from 190 to 194 mm. The bedknife is equipped with seven stainless steel blades, each 3.2 mm thick. For enhanced safety during operation, the knives and beater bed are enclosed with a protective tank cover.

### Process description

To begin the beating process, 360 grams of pulp are placed in the beater, and the suspension is then diluted with water until the volume reaches 23 liters. After initiating the device, a sample can be collected three minutes into the process. Following this, a 5.5 kg weight is attached to the lever to commence the beating phase. Samples can be periodically collected throughout the process, and the beaten pulp is suitable for various tests, such as freeness testing or the preparation of test sheets.

### Specifications

- top quality and manufacturing
- entirely made of stainless steel
- premium knives and knife holder made of non-corrosive materials
- adjustable beating pressure
- capacity: 23 liters
- performance according to international standards

### Connections

- Electricity: 230 V, 50 Hz AC

### Dimensions & Weight

| Standard 23l | Net  | Gross |
|--------------|------|-------|
| Length [mm]  | 1400 | 1180  |
| Width [mm]   | 650  | 760   |
| Height [mm]  | 1000 | 1140  |
| Weight [kg]  | 195  | 275   |

### Available Models

| Code      | Volume |
|-----------|--------|
| P.505.023 | 23 l   |
| P.505.060 | 60 l   |

**For further information on customized devices, please contact your personal distributor or PTE Austria directly!**