Laboratory Beater

Type „Valley“

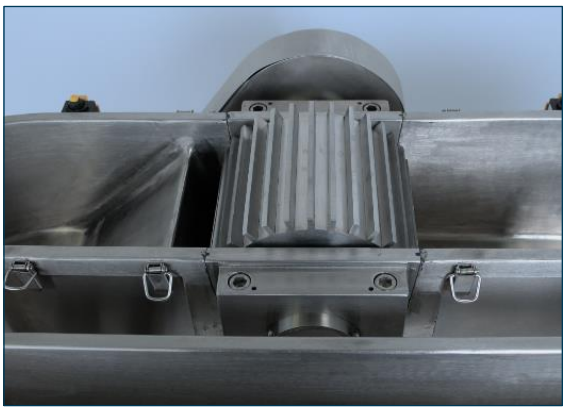
Code: P.505.023

Usage

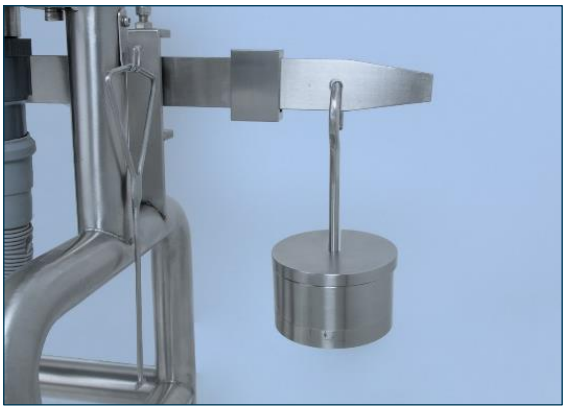
For beating pulp according to standardized conditions (360 g)

Applicable standards

- TAPPI T200m
- TAPPI T205m
- ISO 5246-1
- SCAN C25
- CPPA C.2



Stainless steel knife roll



Hanging weight

Device description

The laboratory beater type “valley” is entirely made of stainless steel. The container is capable of holding a volume of 23 liters and is capable of beating 360 g of pulp, which can be beaten within one process. The rolls including the bedknife have a width of 152 mm and have a diameter of 190-194 mm. The bedknife consists of seven 3.2 mm thick stainless steel blades. The knives and the bed of the beater are encased by a tank cover in order to ensure safe operation of the device.

Process description

A suspension with 360 g pulp is put into the beater and there the suspension needs to be filled up with water until it reaches the volume of 23 liters. Three minutes after starting the device a sample can be taken. After that, a weight of 5.5 kg has to be fixed to the lever in order to start the actual beating process. Samples can be taken at regular intervals and the pulp can be used for different testing like for example the freeness test or for forming 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

Parameters

Dimensions	Weight
1070 x 640 x 800 mm	190 kg