



No. 2505

Niagara beater

This machine is widely used as a standard tester per JIS and TAPPI. Unlike the conventional beater, the roll is fixed, and a constant load is applied on the head plate, thereby constantly giving a uniform beating pressure. It is excellent especially in free beating and wet beating. The beating result is similar to that of practical beater and stone roll beater. So it is very effective for quality management.

<Features>

1. High reproducibility of beating
2. The beating pressure can be set as desired by adjusting the weight (standard 10.7 kg).
3. Since all the contact sections of tab, roll and vat bar are made of stainless steel free of rust and corrosion.
4. The tab curve is well designed to give uniform circular flow. In addition the polishing of the inner surface ensures regular circular flow.
5. With two cleaning ports below the head plate, cleaning is easy.

Model:	BE-23	BE-10
Capacity:	23 ℓ	10 ℓ
Charge:	690 g	300 g
Concentration:	3 %	3 %
Motor:	0.4 kW	0.4 kW

Rotation speed of roll: about 500 rpm

Fly bars: made of SUS-304

Head bars: made of SUS-304

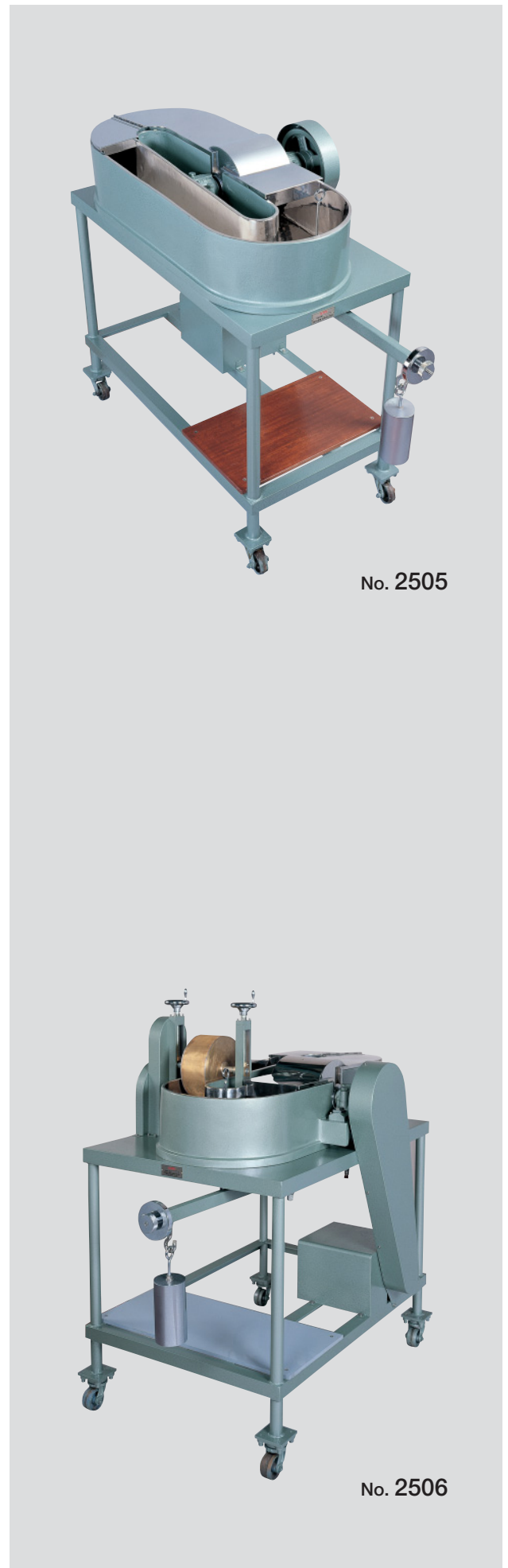
Tab: made of SUS-304

Referential standards: JIS P-8221-1998, TAPPI T200om-01, ISO 5264/1

Power source: three-phase 200/220 VAC 50/60 Hz 5A

Outer dimensions: 1270×550×1040 mm (23 ℓ)

Instrument weight: 230 kg (23 ℓ)



No. 2505

No. 2506

Niagara beater (with wash drum)

Like the No.2505, this machine is used for beating pulp and food fiber. Addition of fillers and chemicals during beating significantly contaminates pulp suspension liquid. The machine is divided by partition plates, and a wash drum lined with wire mesh on the circumference is set at a part of the rotary tank of beater. The wash drum is rotated slowly by a driving device to discharge contamination in the slurry.

Capacity: 23 ℓ

Material of wash drum: frame of brass, plain-woven wire 80 mesh

Rotation speed of wash drum: 10 rpm

Driving motor of wash drum: 100 VAC 0.065 kW 50/60 Hz

Power source: three-phase 200/220 VAC 50/60 Hz 5A
 single-phase 100/110 VAC 50/60 Hz 1A

Outer dimensions: 1270×730×1170 mm (23 ℓ)

Instrument weight: about 250 kg (23 ℓ)



No. 2506