

Jolting Volumeter Type STAV II



Range of Application

The apparatus is used for the determination of the apparent volumes before and after settling, the ability to settle as well as the tapped density acc. to the European Pharmacopoeia, DIN ISO 787 Part 11, ISO 3953 and ASTM B 527-93. The possibility of using measuring cylinders of 10, 25, 50, 100, 250, 500 und 1000 ml opens a wide range of industrial applications for this kind of equipment. Investigation of powdery, fibrous and granular products can be performed.

Construction

The distinguishing features of the new jolting volumeter STAV II in modern soft design are the round shape and the metallic surface.

The main parts of the STAV II are a modern silver metallic plastic housing with one-phase AC motor 230 V, the jolting mechanism with clamping device for the measuring cylinder and the ON and OFF switch. The new control unit with functional display for simplified operation is arranged in the housing. The ergonomic properties are improved due to the optimized arrangement of the display. In addition, the new design offers the advantage of easy cleaning.

The weight and graduation of 250 ml measuring cylinders is standardized according to ISO 4788.

Case dimensions: about 460 x 360 x 400 mm

Net weight: about 9 kg

Gross weight: about 11 kg

Technical Data

- Speed of camshaft: 250 rpm +/- 15 rpm
- single-phase AC motor, single phase and condenser
- 50 Watt
- Weight of measuring cylinder and clamp: 675 g +/- 45 g
- Dropping height of guide punch: 3 mm +/- 0.1 mm
- Noise level acc. to DIN 45 635: about 80 dBA
- Cable with safety plug: 1.5 m long

Type	Article No.
STAV II	05 99 2000 0001
Measuring cylinder	125 99 0008
Noise damping hood	125 75 0001

Noise Damping Hood

Range of Application

By using the noise damping hood you can reduce the noise level of your jolting Volumeter.

Noise level without hood about 80 dB(A)

Noise level with closed hood about 58 dB(A)

Due to its decorative design the hood fits into any laboratory.

Construction

Housing of wood-plastic-compound, pressed under high pressure, very stable.

Hood in the form of a front pane of plexi glass, transparent, counter and measuring cylinder can be watched when the hood is closed.

The front pane can be arrested in any desired position due to a memory hinge.

The noise-damping lining of Sonex foam material ensures the best possible noise absorption.

An extra thick bottom plate is coated with sound absorbing material preventing the resonance effect.

Dimensions: about 430 mm long, 450 mm wide, 575 mm high.