Jolting Volumeter Type STAV II



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

Convincing Facts

- modern soft design
- easy handling
- application-oriented control unit
- possible use of different measuring cylinders
- easy exchanging of measuring cylinders
- easy cleaning

Short Description

- speed of the camshaft: 250 rpm +/- 15 rpm
- single-phase AC motor and condenser
- 50W
- weight of the measuring cylinder with holder: 670g +/- 45g
- dropping height of the guide punch: 3 mm +/- 0.1 mm
- noise level acc. to DIN 45635: approx. 80 dB(A)
- standard voltage: 230 V / 50 Hz
  (special voltage is possible upon request)
- net weight: approx. 9 kg
- dimensions: approx. 290x330x180mm (without measuring cylinder)
- dimensions: approx. 290x330x500mm
  (with 250 ml measuring cylinder)

Operation

Using various sizes of measuring cylinders fixed by means of a holding cap makes it possible to determine the tapped density of varying quantities of a powdery, fibrous or granular product.

Range of Application

The apparatus serves to determine the volumes before and after tamping, the compaction as well as the tapped density according to the European Pharmacopoeia, DIN ISO 787 part 11, ISO 3953, ISO 8967 and ASTM B 527-93. The possibility of using measuring cylinders of 10, 25, 50, 100, 250, 500 and 1000 ml opens a wide range of industrial applications for this kind of equipment.

Construction

The distinguishing features of the jolting volumeter STAV II in 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 onephase AC motor, the jolting mechanism with clamping device for the measuring cylinder and the ON and OFF switch. The application-oriented control unit with functional display is mounted in the housing. Optimal ergonomic properties are achieved due to the arrangement of the display. The weight and graduation of 250 ml measuring cylinders is standardized according to ISO 4788.

Noise damping hood



Range of Application

The noise level of your jolting volumeter can be reduced by using the noise damping hood. Due to its decorative design the hood fits into any laboratory.

noise level without hood	approx. 80 dB(A)
noise level with hood	approx. 58 dB(A)

Construction

Housing of wood-plastic compound, pressed under high pressure, very stable. The transparent front pane of plexi glass serves as a covering through which the counter and the measuring cylinder can be seen even 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 optimal noise absorption. The extra-thick bottom plate is coated with sound absorbing material preventing resonance effects.

- net weight: approx. 17 kg
- inside dimensions: approx. 400 x 430 x 550 mm
- outside dimensions: approx. 435 x 450 x 570 mm