

- Model no. 1132

BULK DENSITY TESTER

The device for determining bulk density is a simple and reliable option for checking the uniform structure of moulding compounds. A defined mass of powder or grain is passed through a funnel to determine the mass per unit volume.

DIN 53466
ISO 171
ISO 60
ASTM D 1895

Simple and reliable



Effective material testing for incoming goods

- The device consists of a filling funnel with a snap lock, a base plate with a stand and a measuring cup with a drip tray. The filling funnel is attached to the stand and has a capacity of approx. 115 ml. The measuring cup is polished on the inside and has a capacity of 100 ml +1 – 0.5 ml.

Mode of operation

- Weigh the measuring cup when empty (G0/empty in g).
- Fill the funnel with the sample up to the specified mark.
- Open the bottom flap, the sample flows into the measuring cup.
- Use the scraper blade to push the moulding compound that has accumulated over the edge of the measuring cup against the material.
- Weigh the measuring cup filled with the moulding compound to 0.1 g (G1/full in g).



Standard features

- Filling funnel with snap lock
- Measuring cup with drip tray
- Plate with tripod

Options

- Analytical balance

Version BULK DENSITY TESTER

V1132-0001

V1132-0002

V1132-0003

V1132-0004

| | | ISO 60 | ASTM D 1895 Method A | ASTM D 1895 Method B | ASTM D 1895 Method C |
|-------------------------------|-----------------|-----------|-------------------------|-------------------------|-------------------------|
| Filling funnel with snap lock | cm ³ | 200 | 235 | 1,000 | - |
| Capacity of the measuring cup | cm ³ | 100 ± 0.5 | 100 ± 0.5 | 400 ± 2 | 1000 ± 20 |
| Width | mm | 240 | 240 | 240 | 200 |
| Depth | mm | 175 | 175 | 175 | 160 |
| Height | mm | 240 | 260 | 540 | 550 |
| Weight | kg | 2.5 | 2.5 | 2.5 | 4.5 |

Accessories BULK DENSITY TESTER

| Product | Description | Model no. |
|---|--------------------|-----------|
|  | Analytical balance | H3000 |