

Apparatus for determination of bulk density DIN ISO 697 Standard Test Methods for Apparent Density, Bulk Factor and Pourability of Plastic Materials ASTM D1895

The apparatus is used for controlling and examination of free flowing powders and granules as well as for powders and granules that tend to stick together-for example surfactants and detergents.

Therefor the bulk material is passed through a specified funnel into a measurement beaker and the mass is determined by difference weighing.

Normative Reference:

- Apparatus for Determination of bulk density DIN ISO 697
- Standard Test Methods for Apparent Density, Bulk Factor and Pourability of Plastic Materials ASTM D1895



Pic.Apparatus art.. L50566010

Apparatus for determination of bulk density:

(Art: L50566010)

Complete apparatus made of stainless steel including stable and non-slip stand. The funnel height can be varied. The funnel can be closed by a glassp. The clear setup allows easy operation and cleaning.

Consisting of:

- bulk-funnel with outflow Ø 40 mm and clasp, stainless steel
- measuring beaker 500 ml, stainless steel
- tripod with mark, stainless steel
- wiper blade
- spacer block 50 mm
- manual
- sample test report

Accessories:

- bulk-funnel with Ø 60 mm and clasp, stainless steel (Art. L50566014)
- stainless steel tray (Art. L5056601W)
- measuring beaker 500ml, 'Clean Save' glass (Art. L50566012)
- calibration certificate für measuring beaker (steel **or** glass) (Art. L5056601Z)
- large tub, stainless steel (Art. L505660A)



Abb. Messbecher 500ml aus Edelstahl /Glas und Edelstahlschale

funnel with Ø 60 mm:

Useable for materials tending to stick.

stainless steel tray:

For collecting the overflowing sample. The measuring beaker is placed on the mark of the tray that ensures a standardized setup.

measuring beaker 500ml, 'Clean Save' glas:

For the easy detection of inhomogeneous content.

calibration certificate for measuring beakers

Certification about DIN conformity with 3 comparing measurements.

large tub:

The apparatus is placed in the tub. Overflowing sample material can be collected by the tub. The laboratory desk stays clean.

Needed laboratory devices/option:

- Precision balance +/- 0,1 for determination of bulk density (Art. 5346803)
Maximum weight: 2000 g , accuracy: 0.1 g

Take a look on our product movie on:
https://www.youtube.com/watch?v=yiCmXFb_rrE