

## function

The **SCITEQ bulk density tester** is intended for determination of apparent density (powder or granulate), bulk density factor and pourability of plastics materials. The bulk density tester comes in two models - model A complies with the standards ISO R 60 and ASTM D 1895 method **A** and model B complies with the standard ASTM D 1895 method **B**.

## highlights

- simple set-up
- easy maintenance
- quality product
- compact construction
- high accuracy and reliability

version 04/2019

## features

With this bulk density tester as well as a laboratory weight (optional) accurate to 0,1g it is possible to determine the apparent density i.e. the mass per unit of volume of loose material (powder or granulate) that can be poured from the funnel.



We wish to give our partners the tools to produce to the highest standard, while helping them to produce as cost effectively as possible with Q.C. tools throughout the factory.

## construction

The bulk density tester is simple and easy to operate and maintenance is very low.

The tester consists of a feed funnel with a spring loaded swivel lid at the bottom, which is mounted on a solid bottom plate. The bottom plate is mounted with a cup for measuring the material and a catch pan (drip tray). After material has been flown freely into the measuring cup, the excess is scraped off by means of a straightedge blade.

The funnel is mounted on the vertical support along with the lid and straightedge blade. The measuring cup is polished inside and has a capacity of 100 ml +/- 0,5 ml for ISO R 60 and ASTM D 1895 method A. The measuring cup has a capacity of 400 ml for ASTM D 1895 method B.



associated | equipment ▲ | essential equipment

laboratory weight

laboratory granulator

**model A:** bulk density tester in accordance with ISO R 60 and ASTM D 1895 method A

**measuring cup capacity:** cylindrical cup of 100ml

**funnel diameter:** 33 mm diameter opening at the bottom

**funnel position:** mounted at a height 38 mm above the measuring cup

**material:** aluminium and stainless steel

**dimensions:** 290 x 250 x 400 mm (length x width x height)

**weight:** 5 kg



model B

**model B:** bulk density tester in accordance with ASTM D 1895 1

**measuring cup capacity:** cylindrical cup of 400ml

**funnel diameter:** 25.4 mm diameter opening at the bottom

**funnel position:** mounted at a height 38 mm above the measuring cup

**material:** stainless steel and aluminium (in accordance with the standard)

**dimensions:** 350 x 350 x 600 mm (length x width x height)

**weight:** 6,5 kg



model A

associated | equipment ▲ | essential equipment

laboratory  
weight

laboratory  
granulator

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