

## function

The SCITEQ apparent density tester is intended for determination of powder or granulate density, bulk density factor and pourability of plastics materials.

## highlights

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

## features

With this apparent density tester and a laboratory weight accurate to 0,1g enables you 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. When the method is applied to relative coarse materials, rather variable results may be obtained, owing to the error introduced when a straightedge blade is drawn across the top of the cylinder.

A knowledge of apparent density is of limited value in estimating the relative fluffiness or bulk of moulding materials, unless their densities in the moulded condition are approximately the same.

The apparent density tester complies with the following standards:

ISO R 60 / DIN 53 466 / ASTM D 1895 A, B & C and BS 2782 Method 621 A.

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 apparent density tester is simple and easy to operate.

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. The funnel is mounted on the vertical support and has a capacity of approximately 200 ml. The measuring cup is polished inside and has a capacity of 100 ml +/- 0,5 ml.



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associated | equipment ▲ | essential equipment

laboratory weight

laboratory granulator