



Bulk density

DENSI-TAP is an instrument for the measurement of the bulk density of both powders and formed particles (maximum size about 5 mm). It conforms to ASTM standard D4164 (mechanically tapped apparent packing density). The sample is poured into a graduated cylinder (usually 250 ml), placed on a tapping device having a cam shaft speed of 250 rpm and a stroke travel of 3.2 mm. A 4-digit taps counter is included, which can be programmed to the required number of taps (usually 1000). When tapping is completed, the tapped volume is read on the cylinder graduation.

A reproducibility of about 1.5% is easily obtained.

DENSI-TAP is a bench instrument (size 32x40x55 cm, weight 25 kg) and is compliant with CE specifications.