

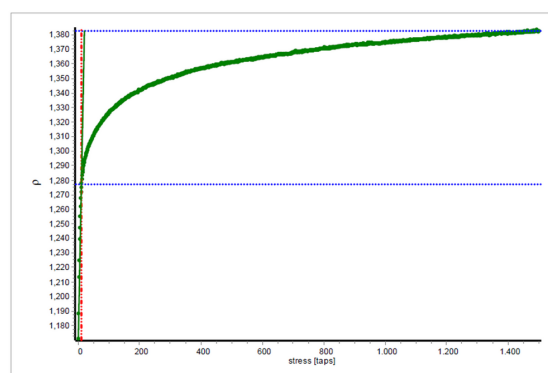
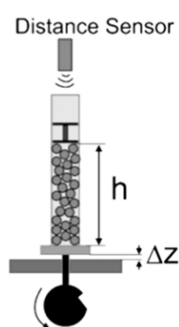
AUTOMATED TAPPED DENSITY AND PACKING DYNAMICS TESTER

Technical data

- Method comparable to ISO8967, ISO3953, ASTM B527
- All types of powders (ATEX powder on request)
- Any powder pre-treatment can be applied

Purpose

The ability of the sample to pack is directly related to the micro properties of the grains such as PSD, shape, roughness. Information on the packing ability (Hausner ratio, Carr index, and characteristic tap number $n_{1/2}$) helps to classify powders in terms of flowability and processability.



$\rho[0]$	$\rho[n]$	$\eta[0]$	$\eta[n]$	Hr	C	$n_{1/2}$	α
1,171	1,383	-	-	1,181	15,3	10,5	10,952

Results

Measure the bulk density (ρ_0), the tapped density (ρ_n), the Carr index ($C[n]$) and the Hausner ratio ($H[n]$) automatically

