

Apparatus for determination of the angle of repose DIN EN ISO 4324

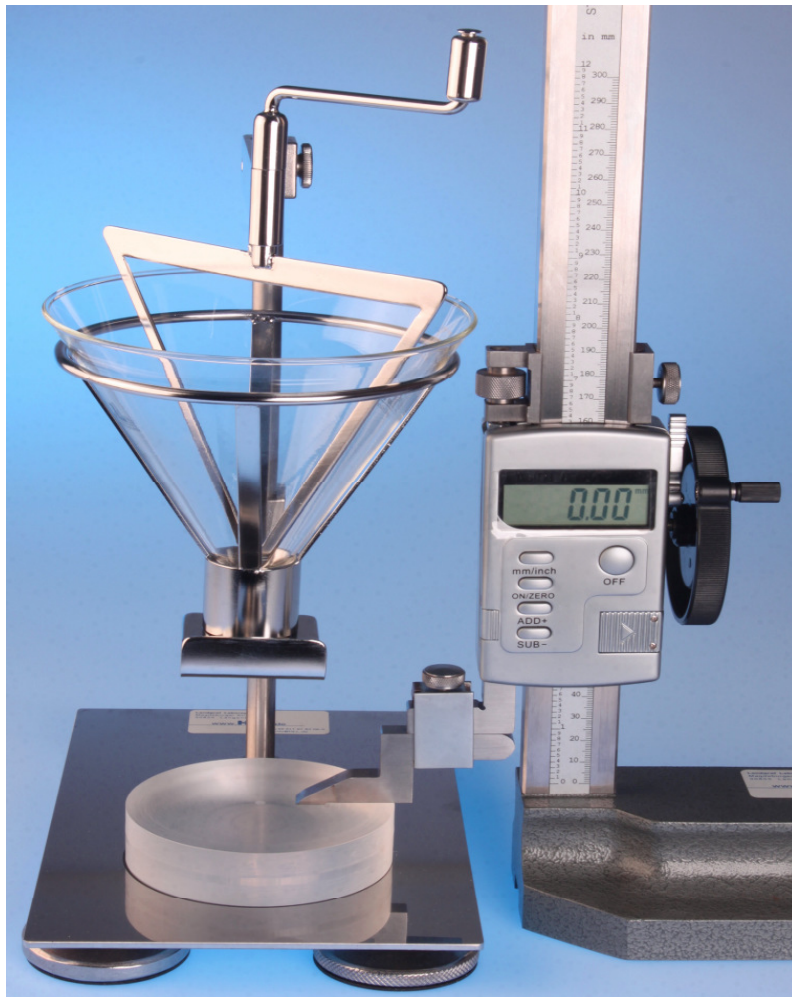
This apparatus is for checking the angle of repose of powders and granules. For determination the sample material is filled into a standardized funnel that is equipped with a stirrer blade. The height of the powder cone heaping up under the funnel can be used as indicator for storage and flowing characteristics.

The pourability of materials is affected by the surface consistency of grains especially the grain size, closeness of grain and humidity.

For storage and undisturbed automatic processing information about the angle of repose and pourability are important.

Normative Reference:

- DIN ISO 4324-1977 (1983-12) surfactants; powders and granules; determination angle of repose



pic: apparatus L50566070, height gauge L50566070H

Apparatus for determination of angle of repose:

(Art: L50566070)

Complete apparatus out of stainless steel. Stable and anti slip tripod.
A clear setup allows easy operation and cleaning.

Consisting of:

- Glass funnel, outflow Ø10 mm
- Funnel mounting with glasp
- Stirrer blade with winder, stainless steel
- Tripod with mark, stainless steel
- Plate out of translucent plastic, Ø 100 mm, thickness 25 mm
- Glass dish 180 mm
- Spacer block 100 mm
- Manual
- Sample test protocol

Accessoires:

- Height gauge (Art. L50566070H)
- Large Tub, Stainless steel (Art. L505660A)
- Measuring cylinder, ISO 4788, 250 ml (Art. 149374085)

Height gauge:

For determination of sample material cone height

large tub:

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

Measuring cylinder 250 ml:

For measuring the sample according to DIN.

Take a look on our product video:
<https://www.youtube.com/watch?v=UDvtK78g5E8>