Product name:	Product code:
Powder Angle of Repose and Avalanche Tester	CMI-IND-0324

Description

Rotating drum instrument that records powder avalanche behaviour and dynamic angle of repose. Used to rank flow and cohesion of pharma excipients, toner and food powders.

Technical specification

- Drum
- Sample scoop
- Calibration disc

A transparent drum rotates slowly while a camera images the powder bed. Software identifies avalanche events and gives avalanche angle and time distribution as indicators of flow.

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Features

- Camera with backlight
- Drum speeds 0.3 to 3 rpm
- Avalanche time and angle statistics
- Static angle of repose mode
- USB camera link

Technical Specifications

Drum diameter	84 mm
Drum volume	approx. 100 ml
Rotation speed	0.3 to 3 rpm
Camera	5 MP monochrome
Sample volume	50 to 100 ml
Repeatability	+/-1 deg
Power	230 V AC, 50 Hz
Standards	USP , ISO 4324 practice

Standard Accessories