

Ram travel at a pill press

For the examination of cohesion in pharmaceutical mixtures under the influence of pressure non-contacting eddy-current sensors, which measure the travel of the upper in the area of the bottom dead center of the upper piston are used. The measurements are not affected through process-related formation of dust. In the movement range for pill pressing a force-travel-characteristic can be measured and evaluated by the additional use of strain-gauges.

Technical details

- Measuring range: 6 mm
- Accuracy: 0,02 mm
- Resolution: 0,01 mm
- Band width: 1 kHz (-3 dB)

Ambient conditions

- Clean room conditions
- Temperature: room temperature
- Medium: air

Reasons for choosing the system

- small sensor design
- non-contact displacement measuring
- wearfree and maintenance-free
- reliable measurement results
- optimal price performance

