

## Grindometers

Precision grindometers according to Hegman for the determination of the fineness of grind of coating materials, printing inks, pastes and similar products

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### Handling

- pour the product under test as the deepest point into the grooves of the grindometer
  - place the scraper edgewise and parallel to the width of the grindometer on the deepest point of the grooves and draw it within a few seconds to a point beyond the zero depth of the grooves
  - within seconds after the completion of the drawdown of the sample, view the grindometer at an right angle to the length of the groove and at an angle of 20 degree to 30 degree to the surface of the grindometer in a light that will make the pattern of the sample in the grooves visible
  - observe the point where in the grooves particles in a greater number (in accordance with ISO/EN/DIN 5 to 10 particles in an imaginary 3 mm (0.12"0 wide band) are first visible and read the value on the scale belonging to that point
  - afterwards clean the grindometer and scraper using a soft cloth and a solvent
  - check grindometer periodically by use of a groove depth meter
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Specification	
Depth of the grooves:	0-100 um ( 0-3.94 mil)
Material:	stainless steel, hardened
Dimension (L x W xH) grindometer:	174mm x 60mm x 13mm (6.85" x 2.36" x 0.51")
Dimensions (L x W x H) scraper:	75mm x 40mm x 8mm (2.95" x 1.57" x 0.32")
Weight incl. scraper:	1.2 kg (2.646lbs)
Standards:	DIN EN ISO 1524, ASTM D 1210, ASTM D 1316

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