

Elcometer 2050 High Precision Grindometer

Can be used in accordance with:
**ASTM D 1210, AS/NZS 1580.204.1, DIN 53203*, EN 21524*,
 FTMS 141 4411.1, ISO 1524, JIS K 5600-2-5, NF T30-046***



This single channel precision grind gauge is used to determine particle size and fineness of grind for many materials including paints, pigments, inks, coatings, chocolates, and other similar products.

Manufactured out of hardened stainless steel, each gauge is graduated in microns on the top to an accuracy of $\pm 3\mu\text{m}$ or $\pm 5\%$ whichever is the greater. The groove width is 12mm and the groove length is 200mm.

The High Precision Grindometer has a single groove.

Technical Specification

Part Number	Model	Range μm	Graduation μm	Certificate
K0002050M001	Elcometer 2050/1	0-25	1	o
K0002050M002	Elcometer 2050/2	0-50	2	o
K0002050M005	Elcometer 2050/5	0-100	5	o
K0002050M008	Elcometer 2050/8	0-250	12.5	o
Accuracy	$\pm 3\mu\text{m}$ or $\pm 5\%$ whichever is the greater			
Packed Dimensions	312 x 270 x 79mm			
Packed Weight	1.75kg			

o Optional Calibration Certificate available

* Standards not in bold have been superseded but are still recognised in some industries

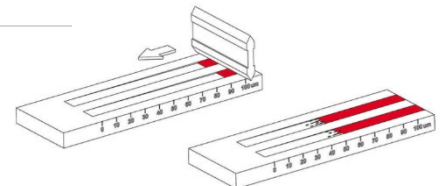
Packing List

- Elcometer 2050 High Precision Grindometer
- Scraper
- Transit Case
- Operating Instructions

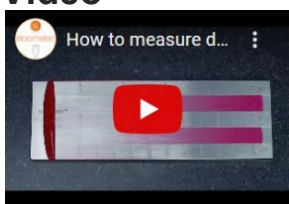


Accessories

- KT002030N001 Replacement Scraper for Elcometer 2050



Video



YouTube Video - How to measure dispersion using Elcometer Fineness of Grind Gauges (Click on the image to the left to view the video)

Measuring the particle size of the material (also known as dispersion) is an essential part of ensuring reliable and repeatable formulations. Typically, to measure dispersion, fineness of grind gauges are used.