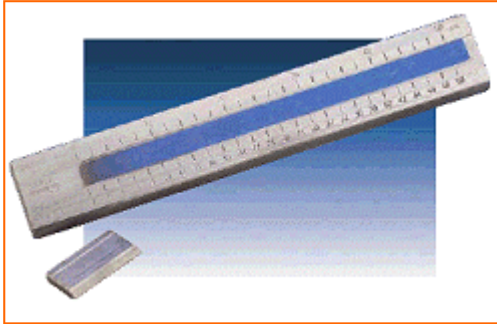


# Elcometer 2050 High Precision Grindometer



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## Elcometer 2050 High Precision Grindometer

Precision instruments, used to determine particle size and fineness of grind of many materials, including paints, pigments, inks, coatings, chocolates and other similar products.

The gauges and its scraper are made of hardened stainless steel, and are graduated in microns on the top, to an accuracy of  $\pm 1\mu\text{m}$ .

Tolerance:  $\pm 1\mu\text{m}$

### At a glance

- Determines particle size and fineness of grind of paints, inks and other coatings
- Hardened stainless steel gauge and scraper.
- Graduated in microns on the top.
- To an accuracy of  $\pm 1\mu\text{m}$ .

## Fineness of grind

From the development of coatings and inks in the laboratory to testing during the production process, quick and precise measurement of the particle size of the material - be it pigments or other similar materials - is one of the essential measurement techniques required for reliable and repeatable results.

Fineness of grind gauges comprise of stainless steel blocks in which either one or two channels are precision ground in a uniformly increasing depth from zero at one end to a specified depth at the other, identified by the scale on the gauge.

Elcometer takes special care in its manufacturing to ensure that the highest level of precision and quality is maintained for all their gauges in order to comply with the requirements of the industries where the grinding process is involved, particularly in the fields of wet paints and powder, varnishes, printing inks and the cosmetics industry.

Can be used in accordance with:	
ASTM D1210	ASTM D1316
DIN 53203	DIN EN ISO NF 21524
FTMS 141 a M.4411.1	ISO 1524
NF T 30 046	

Model	Range		Specifications							Part Number	
	$\mu\text{m}$	mils	Number of Grooves	Groove Width		Groove Length		Graduation		Metric	Imperial
				mm	inches	mm	inches	$\mu\text{m}$	mils		
Elcometer 2050/1	0-25	0 - 1	1	12	0.47	200	7.87	1	0.05	K0002050M001	K0US2050M001
Elcometer 2050/2	0-50	0 - 2	1	12	0.47	200	7.87	2	0.1	K0002050M002	K0US2050M002
Elcometer 2050/5	0 - 100	0 - 4	1	12	0.47	200	7.87	5	0.2	K0002050M005	K0US2050M005
Elcometer 2050/8	0 - 250	0 - 9	1	12	0.47	200	7.87	12.5	0.5	K0002050M008	K0US2050M008
<b>Accessories</b>	Replacement Scraper									KT002030N001	

## Related products



Elcometer 2041

These precision instruments are used to determine particle size and fineness of grind of many materials - including paints, pigments, inks and even chocolate!



Elcometer 2060

Through constant use, the accuracy of a fineness of grind gauge may be impaired. This checker is designed to accurately measure the groove depth at any point.



Elcometer 2000

This Muller Laboratory Grinder is a particularly sturdy machine, enabling optimal and perfectly reproducible grinding and dispersions to be obtained in the laboratory

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