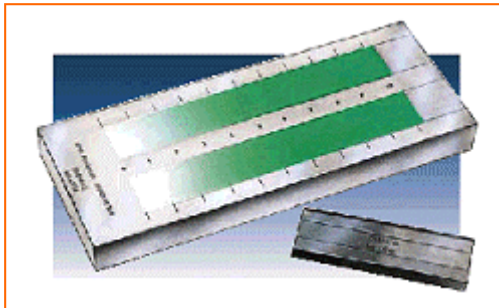


# Elcometer 2070 NPIRI Fineness of Grind Gauge



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## Elcometer 2070 NPIRI Fineness of Grind Gauge

Precision instruments, used to determine particle size and fineness of grind of many materials, but specifically printing inks.

The NPIRI gauge and its scraper are made of hardened stainless steel, the gauge has two grooves with a gentle slope.

The NPIRI scale range is displayed alongside the microns scale.

## 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.

### At a glance

- *Determines particle size and fineness of grind, specifically of printing inks*
- *Hardened stainless steel NPIRI gauge and scraper*
- *Two grooves with a gentle slope*
- *NPIRI & microns scale.*

Model	Range		Specifications							Part Number	
	µm	mils	Number of Grooves	Groove Width		Groove Length		Graduation		Metric	Imperial
				mm	inches	mm	inches	Metric	Imperial		
Elcometer 2070/1	0 - 25	0 - 1	2	25	0.98	165	6.5	2.5 µm or 1 NPIRI	0.1 mil or 1 NPIRI	K0002070M001	K0US2070M001
<b>Accessories</b>	Replacement Scraper for NPIRI grooves									KT002070N001	

## 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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