

Elcometer 2020 Fineness of Grind Gauges

The Elcometer Fineness of Grind Gauges are used to determine the particle size and fineness of grind of many materials including paints, pigments, inks, coatings, chocolates and other similar products.

These two channel gauges, are made of hardened stainless steel and have two grooves with a graded slope (dependent on the model chosen).

Graduated in microns, mills, NS (Hegman) or PCU (North), the gauges have an accuracy of $\pm 3\mu\text{m}$ (0.12mil) or $\pm 5\%$ whichever is the greater. The groove width for all models is 12mm (0.47") with a groove length of 127mm (5.0").



STANDARDS:

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

Technical Specification

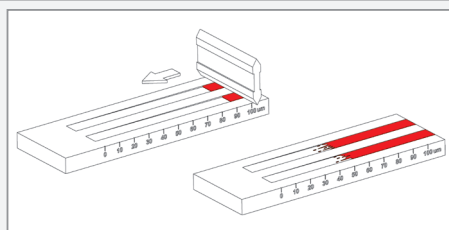
| Part Number | Metric | Imperial | Model | Range | | Graduation | | Hegman (NS or H) | Paint Club (PCU) | Certificate |
|-------------------|--------------|----------|--|-------------------|--------|-------------------|--------|---------------------|---------------------|-------------|
| | | | | (μm) | (mils) | (μm) | (mils) | | | |
| K0002020M003 | - | - | Elcometer 2020/3 | 0 - 15 | - | 1.5 | - | 8 - 7 | 10 - 9 | ○ |
| K0002020M004 | K0US2020M004 | - | Elcometer 2020/4 | 0 - 25 | 0 - 1 | 2.5 | 0.1 | 8 - 6 | 10 - 8 | ○ |
| K0002020M001 | K0US2020M001 | - | Elcometer 2020/1 | 0 - 50 | 0 - 2 | 5 | 0.2 | 8 - 4 | 10 - 5 | ○ |
| K0002020M002 | K0US2020M002 | - | Elcometer 2020/2 | 0 - 100 | 0 - 4 | 10 | 0.5 | 8 - 0 | 10 - 0 | ○ |
| Packed Dimensions | | | 180 x 40 x 12mm (7.1 x 1.6 x 0.5") | | | | | | | |
| Packed Weight | | | 1.36kg (3lb) | | | | | | | |
| Packing List | | | Elcometer 2020 Fineness of Grind Gauge, scraper, plastic case and operating instructions | | | | | | | |

Accessories

KT002020N001 Replacement Scraper for Elcometer 2020

How to use a Fineness of Grind Gauge

The material is placed on the deepest part of the groove and, using the scraper provided, drawn up the slope - the particle size is indicated where the material stops.



○ Optional Calibration Certificate available.