

Elcometer 2070 NPIRI Fineness of Grind Gauge

This precision gauge is used to determine particle size and the fineness of grind of particles in printing inks according to the National Printing Inks Research Institute (NPIRI) scale.

As ink particles are so fine the two grooves of the gauge have a gentle gradient allowing a scale of 2.5µm for better resolution.

The groove width is 25mm (0.98") and the groove length is 165mm (6.5").

The NPIRI scale is displayed alongside the microns scale.

The NPIRI gauge and its scraper are made of hardened stainless steel.



STANDARDS:

ASTM D 1316



Technical Specification

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Part Number		Model	Range		Graduation		Certificate
Metric	Imperial		(µm)	(mils)	(µm)	(mils)	
K0002070M001	K00S2070M001	Elcometer 2070	0 - 25	0 - 1	2.5µm / 1 NPIRI	0.1mil / 1 NPIRI	○
Accuracy		±3µm (0.12mil) or ±5% whichever is the greater					
Packed Dimensions		220 x 80 x 12mm (8.6 x 3.1 x 0.5")					
Packed Weight		2.2kg (4.8lb)					
Packing List		Elcometer 2070 NPIRI Fineness of Grind Gauge, scraper, plastic case and operating instructions					

Accessories

KT002070N001 Replacement Scraper for Elcometer 2070

○ Optional Calibration Certificate available.