

Elcometer 224 - Digital Surface Profile Gauge

The Elcometer 224 Digital Surface Profile Gauge provides the very latest in surface profile measuring technology for measuring profile on either flat or curved surfaces.

Rating: Not Rated Yet

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Manufacturer [Elcometer](#)

Description

Accurate Surface Profile Measurements

- Can be used in accordance with National and International Standards
- Temperature stable measurements
- Statistics are calculated and displayed in real time during inspection
- Live and batch readings graph format for instant analysis
- Measurement capability to $\pm 5\%$

A Powerful Surface Profile Gauge

- User replaceable tough tungsten carbide tip, can be used for up to 20,000 surface profile readings
- USB and Bluetooth® data output to iPhone¹ or Android™ devices
- Measures surface profiles up to 500µm (20mils)
- Review batch data or last 20 readings in a graph format
- Integral & separate probe options for flat and convex² curved surface

Efficient Inspections

- Fast reading rate of 50+ per minute
- Integral and separate probe versions to suit your application
- Alpha numeric batch identification
- Compatible with ElcoMaster® software and ElcoMaster® Mobile App
- Powersave Mode with tap awake

Elcometer 224 Digital Surface Profile Gauge

- Fast and reliable peak-to-valley surface profile measurement
- Accurately measure surface profile on flat or curved surfaces up to 500µm (20mils)
- Measures both average peak-to-valley and average maximum peak-to-valley height
- Portable, rugged hand-held design is ideal for field use

The Elcometer 224 surface profile meter is available in two different models: Model B and Model T. Each surface profile meter provides the user with increasing functionality - from the entry level Elcometer 224 Model B Surface Profile Gauge, to the top of the range Elcometer 224 Model T Surface Profile Gauge, with memory, alpha-numeric batching and Bluetooth® communication.

Standard and armoured probes are available for the separate models, providing even greater measurement flexibility. Elcometer surface profile probes are supplied with a glass zero plate, calibration test foils (nominal values 125µm (5.0mils) & 500µm (20mils)) and an Elcometer Test Certificate.