

TECHNICAL DATA SHEET • SURFACE PROFILE & ROUGHNESS INSPECTION



PCWI 0918 / 1070 Surface Profile Gauge

Digital Surface Profile & Roughness Needle Gauge

The **PCWI 0918 / 1070 Surface Profile Gauge** is a precision digital metric/imperial instrument designed for rapid and accurate assessment of surface condition and peak-to-valley roughness prior to coating application.

Equipped with a compact 42 mm diameter digital face, it provides electronic-trace accuracy on grit, sand, shot-blasted, and saw-cut surfaces, and can also double as a pit, crack, and scratch depth gauge.

TECHNICAL SPECIFICATIONS & DETAILS

Manufacturer: PCWI International	Model / Part #: PCWI 0918 / 1070
Measuring Range: 0 to 13 mm (0 to 0.5")	Resolution: 0.001 mm (0.00005")
Gauge Face Diameter: 42 mm (1.65") Digital Display	Power Source: 3V Lithium Button Cell (CR2032)

KEY FEATURES & APPLICATIONS

- **Surface Profile Assessment:** Quickly evaluates peak-to-valley profile height on blasted steel and prepared surfaces.
- **Multi-Function Depth Measurement:** Functions additionally as a depth gauge for pits, cracks, craters, and scratches on outer and inner surfaces.
- **Compact & Balanced Design:** Ergonomic small-diameter face makes it exceptionally easy to balance and operate directly in industrial environments.

ORDERING & PRODUCT OPTIONS

Model Number	Description
PCWI 0918	Digital Surface Profile Gauge (Metric / Imperial switchable)
PCWI 1070	Surface Profile Needle Gauge Kit with Carrying Case & Instructions



Ready to Order or Request a Quote?

Contact ABQ Industrial sales engineers for pricing, calibration certificates, and delivery options.

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