

DIAL INDICATOR (G940)

Category: General



Product Code: G940

Category: GENERAL

Sub-Category: GENERAL PURPOSE

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- Dial indicators are precision instruments designed to measure small linear distances and deformations with high accuracy. They are widely utilized in various testing applications

to assess both vertical and horizontal displacements, ensuring precise measurements in laboratory and field environments.

- These instruments typically feature a high-quality, low-friction dial mechanism that provides consistent and repeatable readings. The dial face is designed for clear visibility, often incorporating continuous graduations and revolution counters to display the number of needle rotations, enhancing measurement precision. Dial indicators are commonly equipped with a lug back, allowing for versatile mounting options in both vertical and horizontal orientations. The contact point, usually measuring 0.25 inches in length, facilitates accurate surface contact during measurements. [\[cite\]turn0search0](#)
- Manufactured to meet American Gage Design (AGD) specifications, dial indicators ensure compliance with industry standards for accuracy and reliability. They are essential tools in quality control processes, machine setup, and precision tooling, providing critical data for informed decision-making.

STANDARDS

ASTM D1883 • AASHTO T193 • EN 13286-47 • CNR UNI 10009 • UNE 103502

TECHNICAL SPECIFICATIONS

- Digital Models:
 - 12.7 / 0.001 mm
 - 25 / 0.01 mm
- Mechanical Models:
 - 10 / 0.01 mm
 - 12.7 / 0.002 mm
 - 25 / 0.01 mm
 - 30 / 0.01 mm
 - 50 / 0.01 mm

ORDERING INFORMATION

Item	Code
DIGITAL DIAL GAUGE - 12.7 / 0.001 mm	G940P001B
DIGITAL DIAL GAUGE - 25 / 0.01 mm	G940P002B
DIAL GAUGE - 10 / 0.01 mm	G940P003H
DIAL GAUGE - 12.7 / 0.002 mm	G940P004H
DIAL GAUGE - 25 / 0.01 mm	G940P005H
DIAL GAUGE - 30 / 0.01 mm	G940P006H
DIAL GAUGE - 50 / 0.01 mm	G940P007H

Keywords: Dial Indicator, Dial Gauge, Precision Measurement, ASTM D1883, AASHTO T193, EN 13286-47, Linear Measurement, Laboratory Instruments, AGD Specifications, ALFA Dial Indicator