

BE-DPG-3

Berg Digital Pit Gauge



The BE-DPG-3 is a high-precision digital pit or depth gauge designed for measuring shallow pits, undercuts, dents or surface irregularities in metal, concrete or composite substrates. The instrument incorporates a hardened stainless-steel body, a spring-loaded finely-tipped probe, and a digital read-out, offering fast, reliable measurements in the field or workshop environment.

It comes with dual interchangeable knife-edge bases (approx. 60 mm & 125 mm) allowing the operator to adapt for various geometries (flat surfaces, cantilevered or bridge setups).

The unit provides mm/inch selectable read-out with zero-setting at any reference position, and is sealed for protection (IP54) for durability in typical inspection environments.

Specifications

Measuring Range	0 - 30 mm (0 - 1.25 in)
Resolution	0.01 mm / 0.0004 in
Accuracy	±0.03 mm / ±0.001 in
Protection Level	IP54 (dust-protected; splash water resistant)
Probe Diameter	-0.5 mm / 0.02 in
Temperature Range	0 - 40 °C (32 - 104 °F)
Power Supply	1.55 V button cell battery

Features

- Dual-size interchangeable knife-edge bases (approx-60 mm & 125 mm) for flexible adaptation to various part geometries and cantilever conditions.**
- Digital read-out with direct measurement in mm or inches; zero-reset at any reference position for relative readings.**
- Robust construction: hardened stainless steel body plus electronics sealed to IPS4 for protection against dust and water-spray.**
- Compact, field-ready design: spring-loaded mechanism ensures consistent probe pressure, suits field inspection and workshop use.**
- Ideal for non-destructive testing (NOT) and corrosion monitoring: surface pits, undercuts, weld flaws, castings, pipelines, and structural assets.**

Package Includes

- **Spring-loaded digital pit gauge body (BE-DPG-3)**
- **Standard knife-edge base (-60 mm)**
- **Two-position knife-edge base (-125 mm) with centre and cantilever positions**
- **Two sets of attachment screws**
- **Hard protective storage case**
- **Certificate of Conformance**



Applications

- **Measuring localized corrosion pits or undercuts in pipelines, tanks or structural steel**
- **Inspecting weld flaws or area of material loss in vessels or large metal components**
- **Quality control inspection of castings, metal fabrication, composite panels**
- **Routine preventive-maintenance (PM) inspection of industrial assets for pit depths**
- **Field inspection in workshops, structures, or in harsh/dusty/wet environments**