

Western Instruments

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Established 1965

Pit Gauge Calibration Block (N88-FBH)

Western Instruments takes its lead role, as the World's Premier Manufacturer of Corrosion Pit Depth Gauges, very seriously. As such, customers are always asking distributors about Calibration Certificates for new Pit Gauges, as well as the frequency for subsequent re-certification. To start, all Dial Indicator Pit Depth Gauges are supplied with a Certificate of Compliance when they are shipped to the end user. Most of Western's Stocking Distributors have the ability to re-certify Pit Gauges as well. We do not charge for this, as in emerging economies, and the European Union, a Certificate is often a purchase requirement.



The picture to the left shows an N88-FBH Calibration Block being used to calibrate a Digital Pipe Pit Gauge (N88-9B-D). The Calibration Block is equipped with 4 Flat Bottom Holes of various nominal depths, namely 2.5mm, 5mm, 7.5mm, and 10mm (0.100", 0.200", 0.300", & 0.400"). The Flat Bottom Holes are intentionally made not completely flat, as to simulate the irregular surface of corrosion or erosion, and to ensure the technician scans through the varying depth, to ensure the Gauge is working correctly and to verify the certified shallow and deepest portions of each Artificial Indication. N88-FBH Calibration Blocks are provided with a Calibration Certificate and are traceable to NIST and other regulatory organizations.

If a distributor wants to start providing Certificates, we can simply provide our Adobe file, and they can be printed as required. We encourage distributors to provide a Recalibration Service for their customers, so a value added service is added to their business. As a manufacturer, we encourage our distributors to grow the knowledge base of their business, which in turn will enhance their position in their local corrosion industry. A distributor's purchase and maintenance of a N88-FBH Calibration Block is a prerequisite to being set up as an Authorized Calibration Agency.

The Calibration Block shown to the right (Serial Number 121) is 150mm long x 75mm wide x 25mm thick (6" x 3" x 1"). N88-FBH's are machined from 1020 Cold Finished Steel and are corrosion protected with a Conversion Coating. Complying with ASTM, NACE, and other applicable reference standards, Specifications, for similar reference samples, re-certification is only required if there is physical damage that may inhibit the use or accuracy of the Standard. As illustrated, the 4 Flat Bottom Holes are positioned in each corner of the sample, 19mm (0.75") from each corresponding edge. N88-FBH's are supplied with a label, which includes a Centering Rule, for technician reference.



No other manufacturer, in our industry, addresses perceived customer requirements more than Western Instruments.

N88-FBH Calibration Block