



Mitutoyo Europe GmbH
Borsigstraße 8-10
D-41469 Neuss

T +49 (0)2137 102-248
F +49 (0)2137 8685
media@mitutoyo.eu
www.mitutoyo.eu

Press information

Easy handling, high accuracy, excellent functionality: the new MITUTOYO ID-C indicators

An abundance of new functions as well comfortable and simple handling is what the new generation of Digimatic ID-C Indicators by MITUTOYO offers. The customer has the choice between three different versions that are – depending upon version – applicable in bore gauges or feature a calculation function or a peak-hold function.

Neuss, March 2015. The Japanese manufacturer of premium metrological instruments MITUTOYO has extended his range of Digimatic ID-C indicators and releases an all-new generation. At choice are the version "Bore Gauge ID-C", "Peak Hold ID-C" and "Calculation ID-C".

Bore Gauge ID-C is – as the name indicates – exclusively designed for inside diameter measurement applications in bore gauges. It features a minimum value holding function that supports easy, quick and reliable measurement of hole diameters as well as form deviations. The variant Peak Hold ID-C boasts a hold function for maximum and minimum value as well as for the range (Max-Min value). The indicator Calculation ID-C distinguishes itself by its calculation function for $A_x + B + C^{-1}$. Considering the freely definable coefficients A, B and C as well as a plunger movement distance x, the indicator displays the corresponding measuring value. In conjunction with angle plates, the indicator is perfectly suitable for measuring of inside and outside radii, for instance of window profiles, curved tubes and moulded parts.

In the "Fast Measurement Frequency Mode" the ID-C indicators collect the current measurement value an enormous 50 times per second. This makes for extreme reliability when executing dynamic measurements such as concentric running measurements or the search for the return point in inside diameter measurements. All three indicators enable quick and easy adjustment thanks to the new, intuitive setup function and can be protected against unauthorized use. Plus, by means of the optionally available Interface Box, the indicators can alternatively be setup from a PC. The analogue bar graph simplifies recognition of the current measuring position, starting from a definable zero setting. It enhances usability by adding a dial gauge "feel" to digital measuring and makes for improved readability. The GO/±NG tolerance judgement function supports quick workpiece sorting, the digimatic interface grants reliable data transfer to a PC.