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Press information

MITUTOYO launch new version of the popular ABSOLUTE COOLANT PROOF Caliper IP67

The ABSOLUTE COOLANT PROOF Caliper IP67 is amongst the most popular and best-selling products in the MITUTOYO range. Now the Japanese dimensional measuring instruments specialists launch a new, revised version. The successor boasts a refreshed design, better readability and a vastly enhanced battery life.

Neuss, March 2016. In all branches the MITUTOYO calipers are popular for their outstanding sturdiness, high accuracy, easy readout and comfortable handling. The ABSOLUTE COOLANT PROOF Caliper IP67 – as the name indicates – boasts coolant protection as well as TÜV-Rheinland-certified ingress protection class IP67, predestining it for the use in harsh production environments where the handheld measuring devices are frequently splashed with water and coolant fluids or lubricants and exposed to dust. As of now, the Japanese premium manufacturer offers a face-lifted version.

The character size on the digital readout grew by 20 per cent to 9 mm, vastly improving the readability and reducing visual fatigue for the operator. Moreover, MITUTOYO accomplished to extend the caliper's battery lifetime by an enormous 33 per cent to 20,000 hours. In combination with the Auto Power Off Function after 20 minutes unused, in normal professional application this translates into a life period of roughly five years. If required, the battery can be changed without the need for tools. The refreshed version can be distinguished from the predecessor by a slightly changed beam scale design as well as new housing graphics.

MITUTOYO uses materials extremely resistant to emulsion, oil, grease and coolant when manufacturing COOLANT PROOF measuring equipment. The new ABSOLUTE COOLANT PROOF Caliper IP67, is available in the ranges 0-150 mm and 0-200 mm. It features an accuracy of ± 0.02 mm (excluding quantizing error) and a digital step of 0.01 mm. Further models in the new design will also be available soon.

MITUTOYO – being a leader in developing and producing manual measurement instruments with extremely high IP-coded protection – have their digital micrometers and calipers independently tested by the TÜV Rheinland Group. This test service provider confirms the high resistance indicated by the IP codes MITUTOYO applies to its measuring instruments by issuing appropriate test certificates following long and intensive testing. A ten-digit sequence of numbers is the key to the certificates awarded by TÜV Rheinland Group. It can be used to retrieve the tested characteristics of a product online at any time.

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