



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

Flexible and highly accurate semi-automatic model: the new surface roughness tester Surftest SV-3200

The metrology specialists MITUTOYO are known to be experts for surface roughness testing. Now the Japanese release the new model Surftest SV-3200 that boasts outstanding accuracy. In connection with highly versatile accessories such as different detector holders, the semi-automatic model features outstanding flexibility in surface roughness measurement.

Neuss, March 2016. The surface roughness measuring instruments of the Japanese metrology experts MITUTOYO are well-renowned throughout the branches and firmly established wherever a combination of excellent accuracy and quick and easy operation are obligatory. MITUTOYO are dedicated to innovation and enhancement. Hence, they now release a successor of their tried and tested stationary instrument SV-3100 model by name of Surftest SV-3200. As a standard, the new SV model is delivered with the high-performance software FORMTRACEPAK.

The new SV-3200 measures Primary Profile, Roughness Profile, Waviness Profile and MOTIF, amongst others. It boasts enhanced operability and a wider variety of measurement functions due to further expansion of the optional equipment that even renders 3D measurement possible, otherwise only available with much more cost-intensive CNC machines. Different detector types and detector holders are available as options. This makes for outstanding flexibility, enabling easier measuring of crankshaft and other workpieces. The use of an extended holder facilitates measuring in deep holes. The 3D/Y-axis table with a travel range of 100 millimetres, a new option, even renders 3D surface roughness measurement possible.

The new device meets various standards, including EN ISO, VDA, ANSI, JIS as well as customised settings. The SV-3200 also supports some contour calculations within the measurement range of the styli software. Equipped with an anti-collision safety device, the Z1-axis detector can automatically stop when its main body detects an impending collision. The optional digital automatic table helps by accurate levelling and centering of the workpieces to be measured.

The latest version of the highly functional and easy to use FORMTRACEPAK software is compatible with Microsoft Windows 7, 64-bit operated PC systems. The program enables control of all axes as well as a rotary table, hence realizing efficient measurement automation. Plus, it is capable of performing contour evaluation that allows free analysis of level differences, angles, pitch, area and other characteristics as well as surface roughness evaluation.

Do you require further material or additional pictures for your editorial piece? We're happy to help you. Please contact us via E-Mail at media@mitutoyo.eu. Please also pay attention to the press area on our homepage www.mitutoyo.eu. In the case of a publication, please send us a specimen copy.

Hall 7, booth 7401