



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

Upgraded: MITUTOYO relaunch their tried and tested TM Series toolmaker's measuring microscope

The Japanese specialists for precision dimensional measuring instruments MITUTOYO have refreshed their well-proven TM Series toolmaker's measuring microscope. Where conventional devices make use of halogen light sources the new TM generation facilitates advanced LED illumination for reliable long-life lighting.

Neuss, March 2015. In shop floor environments as well as in laboratories all over the world the MITUTOYO TM Series measuring microscope series has long been firmly established as an ideally suitable instrument for examining dimensions and angles of small workpieces. Now the Japanese premium manufacturer introduces a new generation to the markets. The revised version boasts LED light sources for surface illumination in white as well as for transmitted illumination in green. Furthermore, the light intensity is adjustable. Likewise new in the portfolio: an optional LED ring light.

A new colour scheme optically distinguishes the new TM Series from its predecessor. The new recessed grips simplify transporting the device, weighing in at – depending upon the version – no more than 14 or 15 kilogrammes.

Like its predecessor, the new TM measuring microscope is available in two versions that differ in the XY stage travel ranges. The stage table top of the variant TM-505B measures 152 millimetres in X and Y respectively, resulting in travel range of 50 x 50 millimetres. The larger version named TM-1005B bears a size of 240 x 152 millimetres which makes for a range of 100 x 50 millimetres. The maximum workpiece height is 107 and 115 millimetres respectively.

As a standard, the TM Series features a 2X objective, 5X and 10X objectives are available as an option. As an alternative to the standard 15X eyepiece, the client can opt for a 10X and a 20X eyepiece. Upon order, the customer has the choice between optional analog micrometer heads and digimatic components for fine-adjusting the stage.

The new generation of the MITUTOYO TM Series measuring microscope series will be available from mid-2015.