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SENSOR

MANUAL No.99MBC065A5
SERIES No. 544

QUICKTOOL

Laser Scan Micrometer

User's Manual (Software Guide)

Read this Manual thoroughly before operating this software.
After reading, retain it close at hand for future reference.

Mitutoyo

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1

Installing the Application

Product ID No.	530765
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Place the CD-ROM that contains this application in the CD-ROM drive. Application setup will start automatically. Read the messages that appear in the Setup wizard and observe the instructions.

If the setup does not start, run the setup.exe file on the CD-ROM.

However, if an old version of the application has been installed, be sure to uninstall it according to "6. Uninstalling the Application" before starting the setup.

2

Starting the Application

- (1) Upon starting the application the system will communicate with the display unit to load the settings. When the system has loaded the settings, the Basic Setup window opens. However, if the application is started for the first time, the system requires entry of the Product ID. Enter the ID number.
- (2) After the settings have been loaded, it is recommended that the settings be saved as a file. Select the [File / Save setting file As...] menu to open the Save window. Also, the system can read the settings that have been saved by selecting the [File / Open setting file...] menu.
- (3) CAUTION
If the settings of different display and measuring unit models are loaded, the system will malfunction. If the settings of an incorrect model are selected, restart the application.
- (4) If the settings of the display unit cannot be loaded, the Model Setup window is displayed. If this is the case, replace the contents of [Tool / Communication Property] in the application with those of the "RS-232C" basic settings in the display unit. When the setting of [Communication Property] has been completed, close the application, and then restart it.

3

Basic Setup Window

- (1) In the Basic Setup window select the workpiece type and the segment setup type. For dual measuring unit connection select either the DW type, DF type, or DXY type. If any setting in the Basic Setup window is changed, the system restarts the display unit after sending the changed setting. Also, depending on the change the system may clear the calibration (CAL) and Preset settings.
- (2) If using a special function such as the abnormal data elimination function, select the [Setup / Detail Setup] menu to open the Basic Setup (Detail) window for setting the function. If a basic setting is changed, the system restarts the display unit after sending the changed setting. Also, depending on the change the system may clear the calibration (CAL) and offset settings.
- (3) Click on the [Next] button in the Basic Setup window to open the Function Setup window.

4

Function Setup Window

- (1) In the Function Setup window you can select measuring conditions by their icons. To set the GO/NG function, etc., click on the [Detailed Setup] button to open the Detailed Setup window, then set the functions. In the 6000 type you can change program numbers and store multiple settings.
- (2) Select the [File / Save setting file As...] menu to open the Save window. With this window you can save the settings.
- (3) When the [Send Setup] button is clicked on the system sends the settings to the display unit. If a basic setting has been changed, the system restarts the display unit. Wait for a short period. When the [Send Setup] command has been completed, the Measurement window opens.

5

Measurement Window

- (1) Click on the [RUN] button or [C.RUN] button to display the measured results, which are read from the display unit, as a record or a graph. To read the continuous measurement results, set the "Data output condition" to "3" beforehand with the [Detail Setup] button in the Function Setup window. (If the "Data output condition" is set to "0", the measured results will not be read.)
- (2) Click on the [CAL/P.SET] button to perform calibration and preset setup.
- (3) Select the [File / Clear measured result] menu to clear the stored data.
- (4) Statistical processing has been selected in the Measurement window. The measured results obtained by operating the [RUN] button or [C.RUN] button are statistically processed. Click on the [STAT] button to read the statistical processing results.
- (5) Click on the [STAT] button or select the [File / Clear measured result] menu to clear the statistical memory.
- (6) Select the [File / Save measured result As] menu to save the recorded data as a file (CSV format file).
- (7) A maximum of 10,000 pieces of measured result data can be recorded.

6

Uninstalling the Application

- (1) Select the [Control Panel] menus to open the control panel. Double-click on the [Add/Remove Programs] icon.
- (2) Select the old version of the application from the [Install/Uninstall] list box, then click on the [Add/Remove] button.
- (3) A message to confirm the deletion is displayed. Click on the [Yes] button.

7

Operating Environments

- (1) OS Windows 7/8.1 32bit/64bit
- (2) Display 1024 x 768 dots or more, high-color (16 bits) or more

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