

# RT Automation

## Measure 2D™

### KEYENCE TM-3000 INTERFACING SOFTWARE



Measure2D™ is the Software utility program that provides a direct connection to your Keyence TM-3000 2D Optical Micrometer Measurement System. The Software provides all the functions that the User requires when using the Keyence measurement system in a Manufacturing and/or Quality lab environment.

Measure2D™ provides the following basic functions:

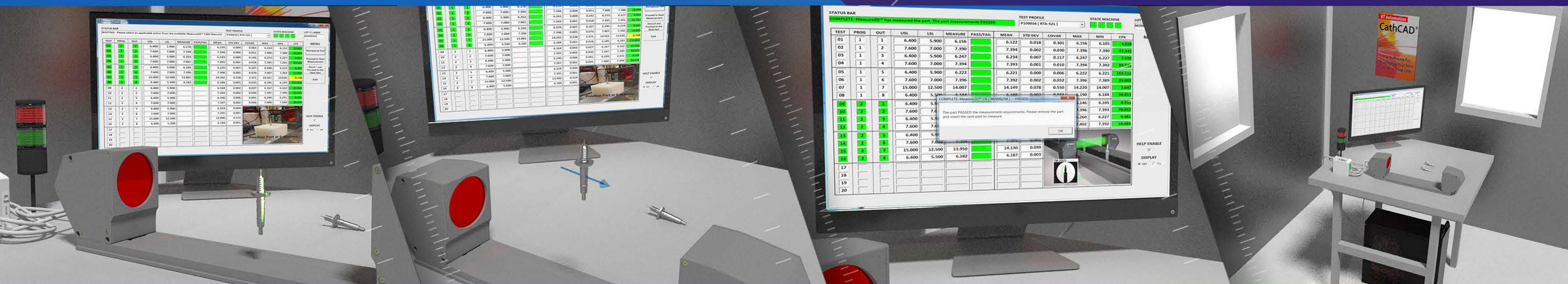
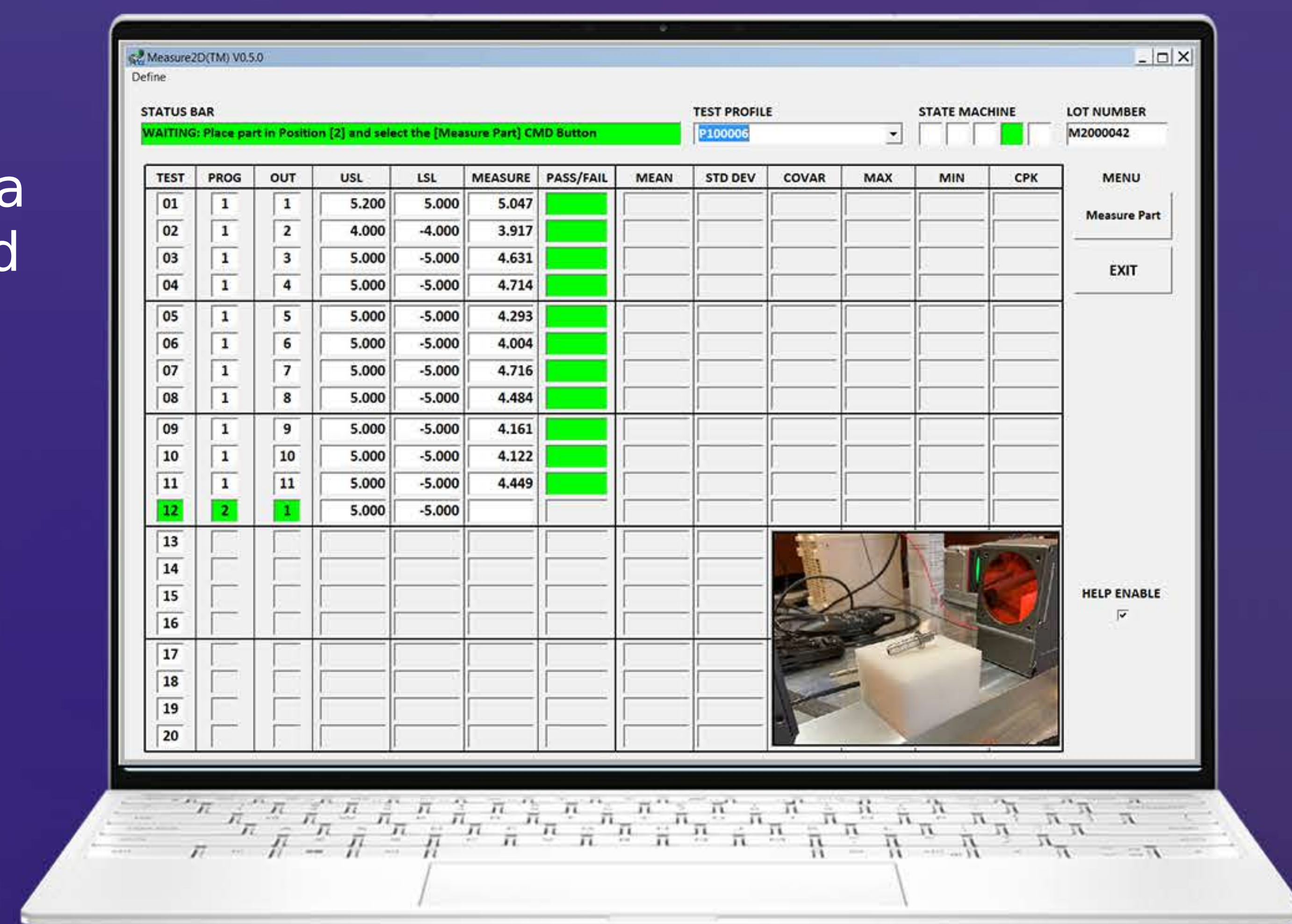
- Directly imports the Keyence TM-3000 controller program (PRS files) in order to create a measurement Test Profile. Multiple Test Profiles may be created from a single PRS File and Multiple orientation/measurement positions may be included in a Test Profile. This multi-position measurement capability is not available with the Keyence software.

- Run Time: Execute sequential (multiple) test measurements orientations including a “Graphic” Help Image to direct measurement orientation.

- Run Time: Statistical Analysis of measurements (mean, min, max, standard deviation, covariance, and CPK)

- Run Time: Assignment of unique Measurement Lot Number with the date/time stamp of when the measurement was obtained

- Run Time: Automatic direct exporting/saving of measurement data to Microsoft Excel in “Ready to Print” Format == xlsx format. The Software has the capability of exporting over 1,000,000 data measurements directly to Microsoft Excel which far exceeds the Keyence TM-H1 limit of 65,535.



#### Experience-based design

- Developed and designed by a team that has over thirty years of experience in Mechatronics/DAQ/automation/software field
- Provides Uniform User Interface independent of connected Laser Micrometer System

#### Robust, Validated Software

- Designed to run for days/months/years - 24/7 operation w/ no software issues
- Proven track record at a medical device manufacturing firm

#### Low Cost of Implementation.

- Runs on Windows XP/7/10 environment – eliminates the need for proprietary (expensive) workstation/hardware
- Single, competitive purchase price with no periodic subscription costs
- Low-cost communication cabling

#### Multi-Platform Control / Standard Interface

- Software License includes RS232 COMM Cable at no charge
- Automatic Connection feature: Software intelligently polls all COMM ports to find Keyence controller
- Feature Updates to the Software implemented and released to Licensed Users at no additional charge

**RT Automation**

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