



# FiberChekULTRA – FVAM-2000/INX/mFVU

## Release Notes

Release 1.6.13

Nov 2025

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## Installation Notes

### Important

This software is only supported for PCs with Windows 10 or 11.

It is recommended to **uninstall** prior installations of FCUltra before starting this installation.

For INX series microscopes, INX FW2.1 or higher is required before running with FCUltra. Follow INX FW upgrade instructions to update prior to using with FCUltra.

## Release Notes FCUltra for FVAM-2000 and INX

**Software Release 1.6.13 FVAM-200/INX (November 2025)**

**Software Release 1.6.12 mFVU (November 2025)**

### Included Microscope FW Versions

**NOTE:** Operation without the latest FW installed may lead to unsupported behaviour.

Microscope	Available FW
FVAM-2000	2.2.1
INX	Not included

### New Features and Enhancements (FVAM-2000/INX)

- Improved Autofocus and analysis repeatability for MPO connectors
- 80um Simplex analysis (note 80um MPO analysis is not supported)
- Manual Exposure control (for AR fiber analysis)
- Added Connector definition for custom exposure setting for test
- High Resolution Live image viewing (only for FVAM-2000)
- P5000i probe support
- Single installer for FVAM/INX and mFVU
  - *NOTE: changing from FVAM/INX to mFVU will require restarting the FCUltra application*
- Improved report formatting and alignment of fiber images

### New Features and Enhancements (mFVU)

- Improved Connector adapter recognition
- Improved various Custom profiles GUI entries and validation

### **Fixed Issues (FVAM-2000/INX)**

- Fixed application stability issues related to blank or invalid zone names and fields
- Fixed report generation to handle special characters in part and serial numbers
- Improved microscope FW upgrade reliability
- Fixed fiber image editor where drawn lines could not be deleted
- Fixed various system stability issues related to changing settings while test was in progress
- Fixed various profile editor issues related to creating and copying profiles
- Fixed RESTAPI issues related to starting FCULtra with no tip attached causing command timeouts

### **Fixed Issues (mFVU)**

- Fixed overwriting of profiles with the same name
- Fixed counting of defects when zones are not contiguous
- Fixed use of optical settings in test mode, in particular the setting of custom exposures
- Fixed RESETAPI to allow selection of custom assemblies
- Fixed SN autoincrement when numeric digits longer than 11 digits
- Fixed crash when pressing Next S/N when no serial number was entered

### **Known Issues (FVAM-2000/INX)**

- Disconnecting the microscope during a test may cause the application to become unstable or crash. Avoid disconnecting the microscope while it is busy or testing.
- Changing a tip while a test in progress may cause the application to hang. Avoid changing tips while a test is in progress.
- When creating Custom Profiles, gaps in the zones may cause defects in the unallocated zone to be counted in the next zone. Avoid gaps in the zone definition
- Restarting a new test using the FVAM/INX test button or trigger while a test is still running may cause application hang. Wait until a test is complete before triggering a new test
- Test fiber image in the test results may become flipped. Does not affect test results.
- Non-Existent output folder will result in reports not being saved. Do not delete or rename the output folder
- Changing from P5000i to FVAM-2000 may cause the Live View to display a black view. Restarting FCULtra will recover the Live View.