VIAVI

FiberChekULTRA – FVAM-2000/INX

Release Notes

Release 1.5.27

Aug 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 1.5.27 (August 2025)

Included Microscope FW Versions

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

Microscope	Available FW
FVAM-2000	2.1
INX	2.1

New Features and Enhancements

- New Analysis Profile Editor for creation of customer analysis profiles.
- New Guide Pin Imaging option for MPO connectors.
- New INX microscope support over USB. Requires INX FW2.1.
- Added report option with images only.
- Added option to view generated pdf reports on browser.
- Reduced sized of pdf reports.
- Added profile to support 80um cores.

Fixed Issues

- Fixed RESTAPI profile and connector endpoint indices to match names.
- Fixed RESTAPI /start and /run endpoint race condition where a test can be started before reports are finished.
- Improved fiber find and analysis of MPO connectors under certain conditions.

Known Issues

- 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 report types or other settings while a test in progress may cause the application to crash. Avoid changing settings while a test is in progress.
- Changing a tip while a test in progress may cause the application to hang. Avoid changing tips while a test is in progress.
- Illegal characters in the Part Number or Serial Number definitions will prevent reports from being saved. Avoid special characters in the PN or SN fields
- When creating Custom Profiles, adding Zones with blank names, may cause the microscope to crash. Do not create Profile Zones with blank Names.
- 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
- RESTAPI: If FCUltra is started without a tip attached, Tips and profile endpoints do not respond. Ensure tips are attached when FCUltra is started.