

INTERFEROMETRY

3D SCOPE-V2



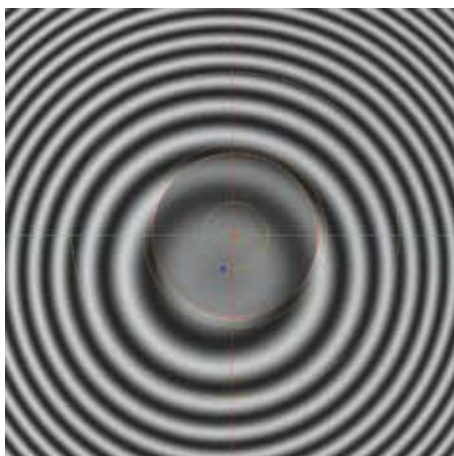
3D SCOPE-V2

Entry-level price Interferometer for geometry measurement of single fibers

Specifically designed for use in a production environment, 3D Scope-V2 is a robust, compact and **easy to use interferometer that brings speed and precision to operators.**

3D Scope-V2 supports our Blink software platform. Non-compressed, real time and high quality images are transferred from the hardware to the software via a USB 2.0 link in addition to the automation and control commands.

The 3D Scope-V2 interferometer is **fully compliant with Industry Standards.**

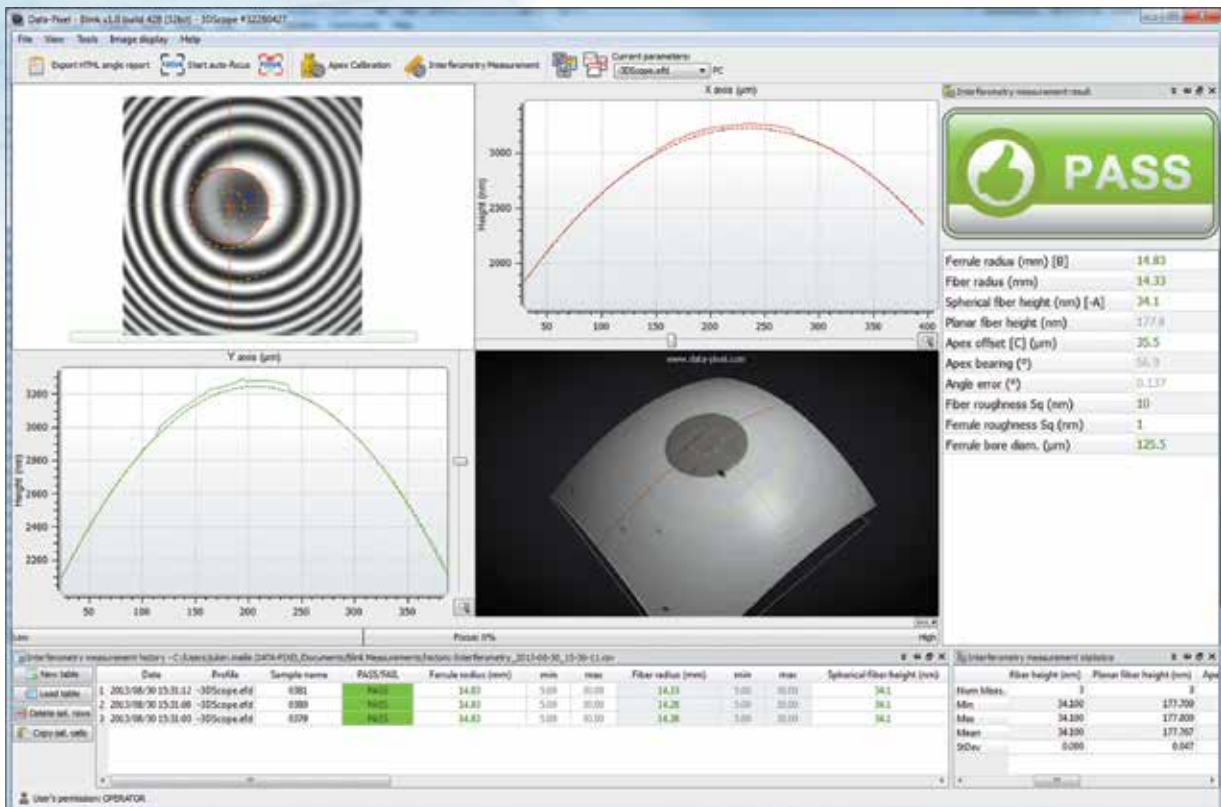


KEY FEATURES :

Measurement of PC and APC connectors, ferrules and bare fibers
Lightning speed measurement cycle (0.5 sec)
PASS/FAIL result visual feedback via front panel start-button LED color
Integrated PC/APC tilt stage, no APEX re-calibration required
True phase-shifting interferometer
Vibration insensitive
Autofocus option
Compliance with Industry Standards for Interferometer Measurements
Intuitive BLINK software, with data-base connectivity
Measurement report in HTML format
Compatible with desktop PC, laptop, tablet PC

SPECIFICATIONS :

Field of view (mm) :	0.7 x 0.5
Radius (mm) :	3 to flat
Apex Offset (μm) :	0 to 500
Fiber Height (nm) :	± 160
Fiber cleave angle (degrees) :	0 to 12
Measurement speed (sec.) :	0.5
Magnification :	X 400
Output :	USB 2.0
Power source :	External 12V
Dimensions H x W x L (mm) :	78 x 140 x 250
Weight (kg) :	1.9



Blink is a software platform common to all Data-Pixel products. Dedicated plugins supports the Interferometry range of products : 3D Scope-V2, Daisi-V3 and Daisi MT-V3.

PDF, HTML and CSV reporting capability with extensive database support (SQL Server, MySQL, ODBC, ORACLE,...)

OLE automation support is available for dedicated application

ORDER OPTIONS :

3D Scope-V2 unit with :

- Manual focus
- Blink interferometry
- 2 flanges (1.25 mm, 2.50 mm)
- 2 adapters (SC, LC)

71-3DSF-V2-M10-00

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71-3DSF-V2-A10-00

Flange 1.25mm

30-FL-001247

Flange 1.25 mm LC Duplex

30-FL-002005

Flange 2.00 mm

30-FL-001839

Flange 2.50 mm

30-FL-001248

Flange 3.17 mm (SMA)

30-FL-001966

Flange/Holder for bare fiber

40-FL-001589

Adapter 1.25 mm LC

10-AD-001013

Adapter 1.25 mm LC duplex

30-AD-001591

Adapter 2.50 mm SC

10-AD-000552