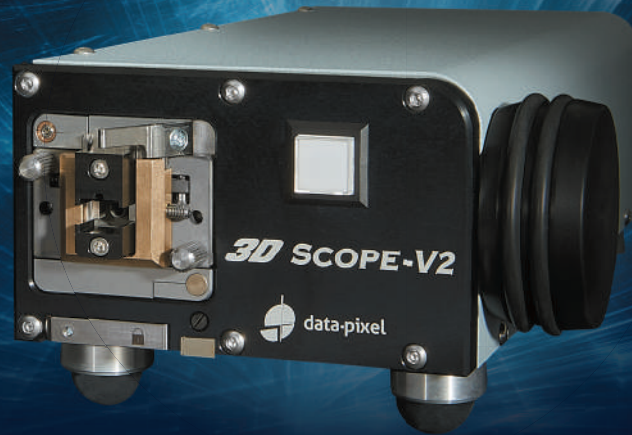


INTERFEROMETRY

3D SCOPE-V2

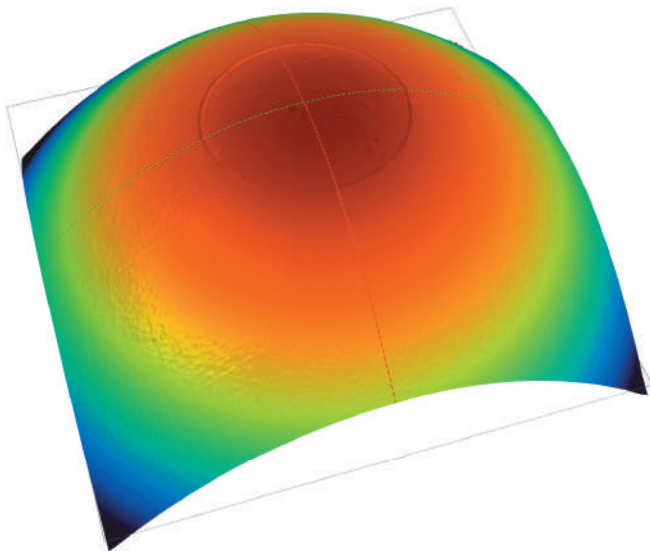


3D SCOPE-V2

Entry-level price Interferometer for geometry measurement of Single-Fiber connectors

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**. It is cost-effective solution without compromising on measurement quality and repeatability.

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 3.0 link in addition to the automation and control commands.

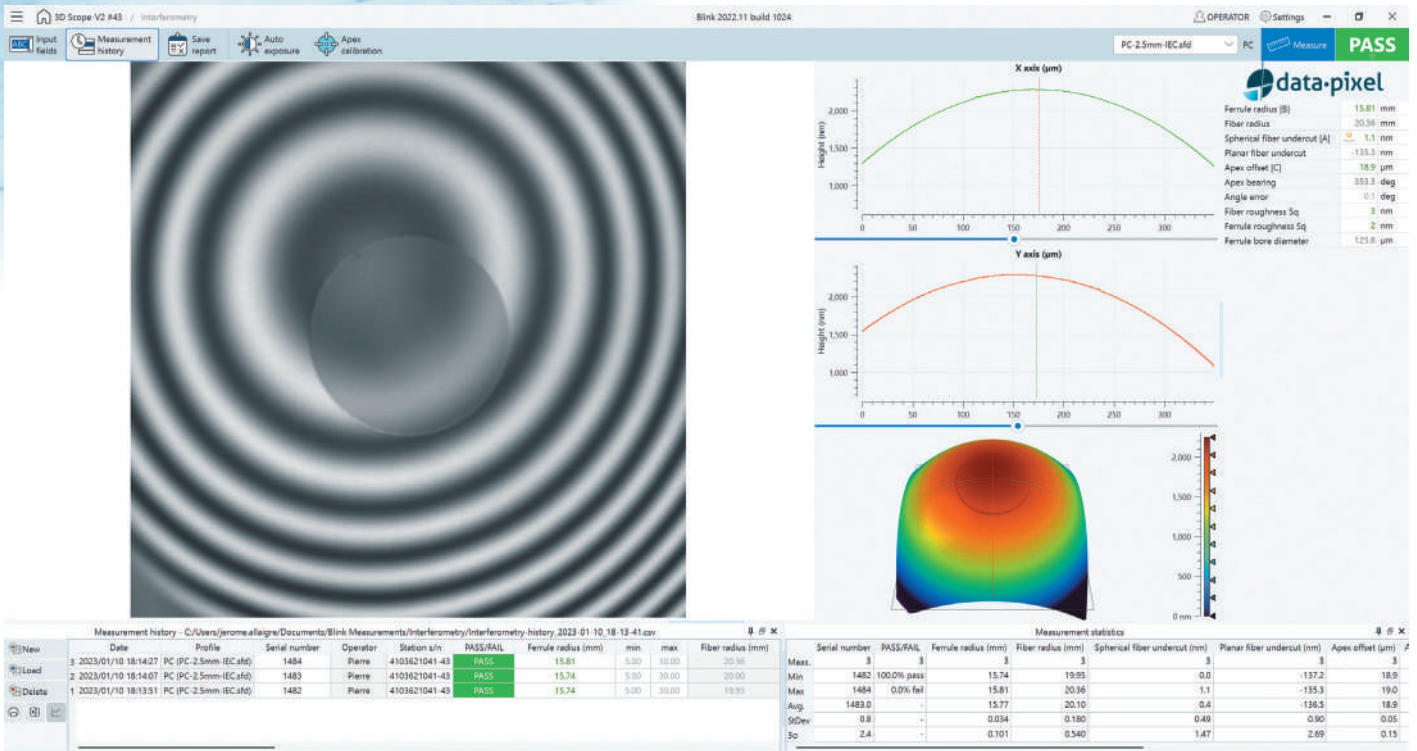


KEY FEATURES :

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) :	2.9



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

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	70-3DSF-V2-M10-00
- Blink interferometry	
3D Scope-V2 unit with :	
- Autofocus	70-3DSF-V2-A10-00
- Blink interferometry	
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
Adapter 1.25 mm duplex (MDC, SN,...)	Several references available