

INSPECTION D SCOPE LFOV



D SCOPE LFOV

High resolution microscope for large core optical fiber connectors

Unique in the microscopes market, the D Scope LFOV **combines automatic diagnosis of very small defects with a large field of view.**

Based on the acclaimed D Scope range, the D Scope LFOV features a **high quality optical system** and adjusted lighting to optimize its numerical aperture. The optical assembly makes it **possible to detect defects <0.5µm.**

Lightweight, compact, equipped with reliable and proven mechanical interfaces, the **D Scope LFOV has a very fast autofocus.** This allows the user to effortlessly move the microscope, connect it to a computer or tablet, and easily perform series of measurements.

With BLINK the Data-Pixel software platform, D Scope LFOV uses Deep Learning technology. **This AI has the advantage of improving the detection of defects, but above all of being scalable.** If you want to deal with specific defect or atypical fiber cases, **Blink's Deep Learning can be taught to recognize defects from your samples.**

Developed to meet the needs of Photonics applications, the D Scope LFOV is very easily adaptable to any connector or **optical fiber type with fiber cores up to 1000 µm.**

ORDER OPTIONS :

D Scope LFOV unit with :

- Autofocus
- X 400 magnification
- Blink Inspection SF

70-DSHM-V1-A10-20

Adapter 1.25 mm PC

30-AD-000301

Adapter 1.25 mm APC

30-AD-000302

Adapter 2.5 mm PC

30-AD-002933

Adapter E2000 PC

30-AD-000299

Adapter E2000 APC

30-AD-000300

Adapter SMA 3.17 mm

30-AD-000309

Adapter FC PC

30-AD-003837

KEY FEATURES :

- Large Field of View for fiber core up to 1000 µm
- True Köhler optical design for homogeneous lighting
- Deep blue long life LED light source
- Fast and accurate Autofocus
- Real time Deep Learning software for analysis of defects
- Adaptors for all PC & APC, Single or Multi-Fiber connectors
- High speed camera for live digital image
- Automation capabilities
- Compatible with Desktop PC, laptop, tablet PC

SPECIFICATIONS :

Magnification*:	x400
Field of View (mm):	1 x 1
Light source:	Blue
Focus:	Autofocus
Outputs:	USB 2.0
Power Source:	External 12V
Weight (kg):	2
Dimensions HxWxL (mm):	80 x 140 x 280

*With sensor image = 90% of a 24" 16/9 screen

DEEP LEARNING
INSIDE