

INSPECTION D SCOPE



D SCOPE

High quality digital benchtop Microscope

This unique microscope combines **high quality optics** with a modern and ergonomic design ideally suited to fiber optic applications.

Until the D Scope, most microscopes were suffering from poor illumination quality yielding variable and non-reproducible image quality even amongst scopes of the same kind.

With Blink Inspection SF plugin, the D Scope is able to **detect and measure automatically scratches and defects** compatible with Industry Standards or customized parameters.

D Scope family is available with **magnification from x200 to x800**.

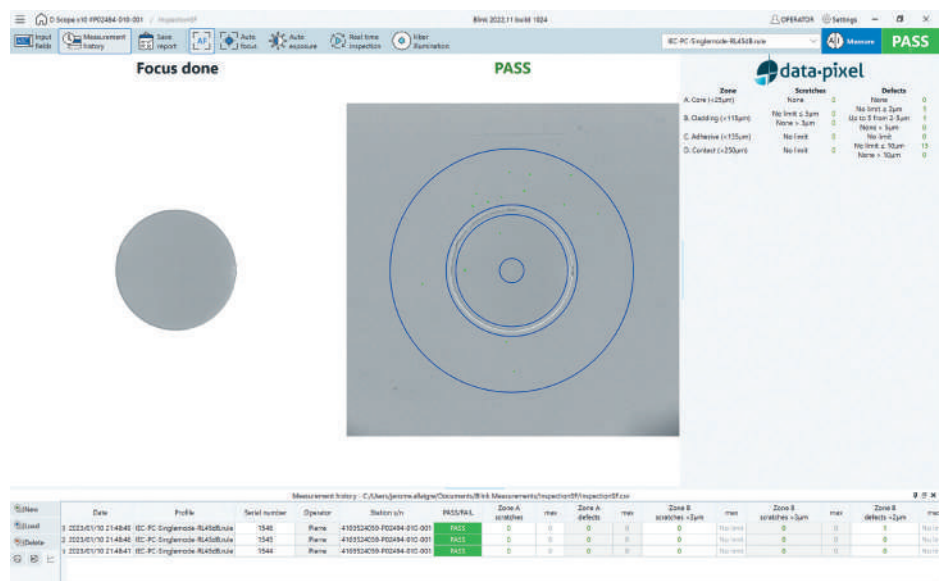
With BLINK, the Data-Pixel software platform, D Scope SF uses Deep Learning technology. This AI has the advantage of improving the detection of defects, but above all, of being scalable.

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.

KEY FEATURES :

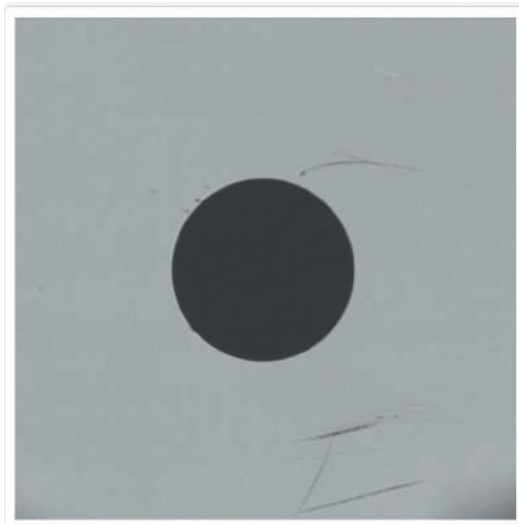
- True Koehler optical design for homogeneous lighting
- Real time detection and analysis of surface defects with Blink software
- Independent gain and contrast levels for fiber and ferrule regions
- Adaptors for all PC & APC, Single-Fiber connectors
- High speed USB 2.0 for live digital image
- Deep blue long life LED light source
- Second stray-light source for surface cleanliness inspection (optional)
- Ergonomic fine focus control
- Automation capabilities
- Compatible with desktop PC, laptop, tablet PC

**DEEP LEARNING
INSIDE**

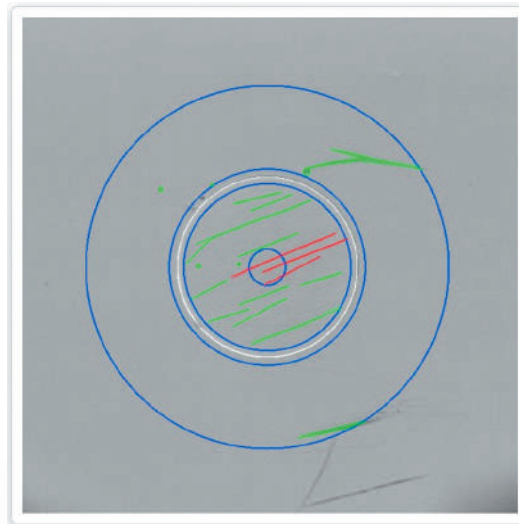


Magnification :	D Scope x4	D Scope x10	D Scope x20
Magnification	200	400	800
Field of View (mm x mm)	1.7 x 1.3	0.7 x 0.5	0.3 x 0.3
Light source	coaxial stray-light	coaxial stray-light	coaxial
Focus	manual	manual/auto	manual
Blink Inspection SF	optional	✓	optional
Power supply	via USB 2.0 (manual) - 12V (autofocus)		
Weight (kg)	2		
Dimensions HxWxL (mm)	78 x 140 x 250		

FERRULE LIVE IMAGE :



AUTOMATIC PASS/FAIL RESULT :



ORDER OPTIONS :

D scope unit with : - Autofocus - x 400 magnification - Blink Inspection SF	70-DSHM-V1-A10-00
D scope unit with : - Manual focus - x 800 magnification	70-DSHM-V1-M20-00
D scope unit with : - Manual focus - x 200 magnification	70-DSHM-V1-M04-00
Adapter 1.25mm, PC	30-AD-000301
Adapter 1.25mm, APC	30-AD-000302
Adapter 2.50mm, PC	30-AD-000303
Adapter 2.50mm, APC	30-AD-000304
Adapter 1.25mm LC PC	30-AD-001707
Adapter 1.25mm LC APC	30-AD-000312
Adapter 2.50mm SC PC	30-AD-002483
Adapter 2.50mm SC APC	30-AD-000310