

INSPECTION 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.

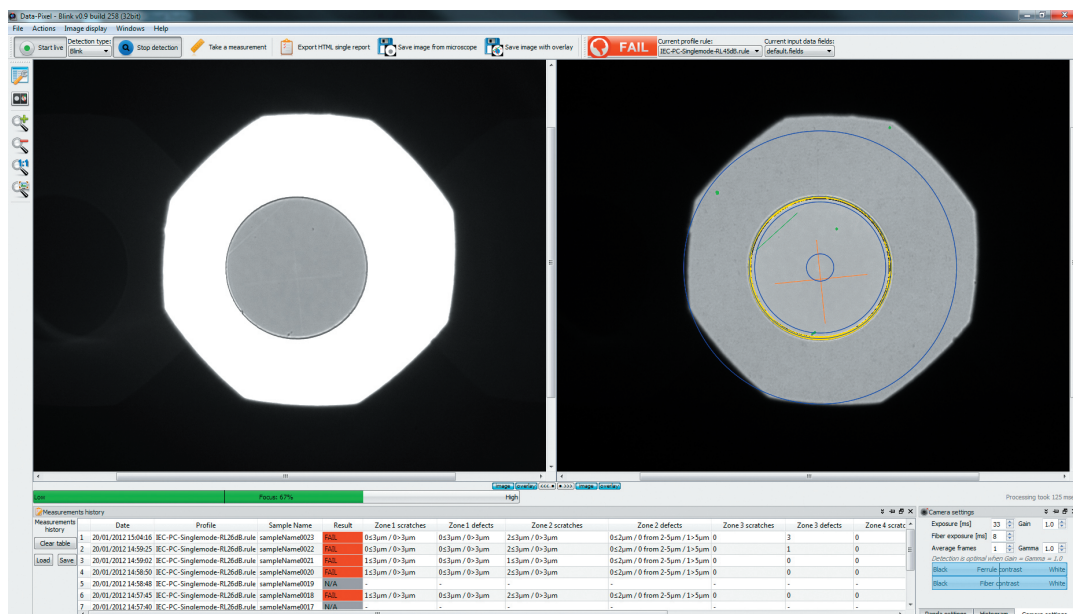
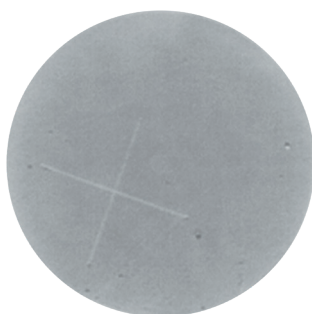
Until the D Scope, most microscopes were suffering from poor illumination quality yielding variable and non-reproducible image quality even amongst scopes of the same kind.

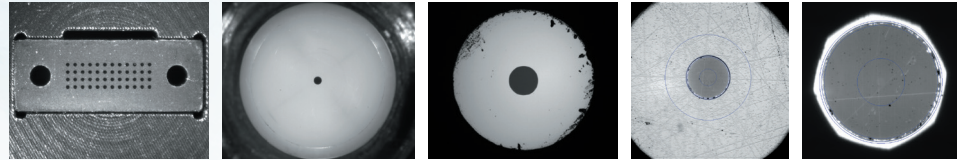
With Blink Automated Visual Inspection plugin, the D Scope is able to **detect and measure automatically scratches and defects** compatible with Industry Standards or customized parameters.

D Scope family is available with **magnification from x50 to x800**.

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 or multi-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
- USB powered - no external power supply needed
- Compatible with Desktop PC, laptop, tablet PC





Magnification :	D Scope EFl	D Scope x2	D Scope x4	D Scope x10	D Scope x20
Magnification	50	100	200	400	800
Field of View (mm x mm)	6.7 x 5.3	3.3 x 2.7	1.7 x 1.3	0.7 x 0.5	0.3 x 0.3
Light source	stray-light	stray-light	coaxial stray-light	coaxial stray-light	coaxial
Focus	manual	manual	manual	manual/auto	manual
Aperture/Field stops	-	-	✓	✓	✓
Blink software plugin	-	-	-	✓	-
Blink Image Viewer	✓	✓	✓	✓	✓
Power supply	via USB 2.0 (manual) - 12V (autofocus)				
Weight (kg)	2				
Dimensions HxWxL (mm)	78 x 140 x 250				

ORDER OPTIONS :

D scope unit with : - Autofocus - x 400 magnification - Blink Automated Visual Inspection - 2 adapters (1.25mm PC or APC, 2.50mm PC or APC)	71-DSHM-V1-A10-00
D scope unit with : - Manual focus - x 800 magnification - 2 adapters (1.25mm PC or APC, 2.50mm PC or APC)	71-DSHM-V1-M20-00
D scope unit with : - Manual focus - x 200 magnification - 2 adapters (1.25mm PC or APC, 2.50mm PC or APC)	71-DSHM-V1-M04-00
D scope unit with : - Manual focus - x 100 magnification - 2 adapters (1.25mm PC or APC, 2.50mm PC or APC)	71-DSLML-V1-N02-00
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