

## **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)

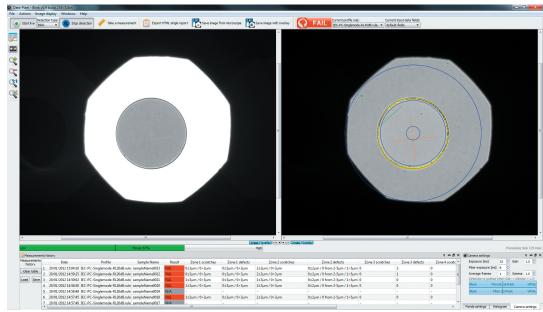
Ergonomic fine focus control

**Automation capabilities** 

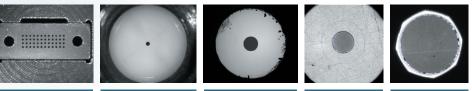
USB powered - no external power supply needed

Compatible with Desktop PC, laptop, tablet PC















Magnification :	D Scope EFI	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-DSLM-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	