

fibresales Wireless Fibre Inspection Scope – WiFi & USB Digital Fibre Microscope



The fibreSales Wireless Fibre Inspection Scope gives technicians a fast and portable way to inspect fibre optic connector end faces. Connect the probe by WiFi to compatible smartphones and tablets, or use USB with compatible computers and test equipment. The scope displays the fibre end face at 400× magnification and can automatically analyse captured images to provide PASS/FAIL results according to the product's IEC/IPC inspection criteria. Technicians can save inspection images and reports in JPG, PDF and Excel formats for future reference.

Key Features:

- 400× digital magnification for detailed fibre end-face inspection
- USB digital support for Windows™, Linux and Mac operating systems
- Automated PASS/FAIL analysis with up to 98% accuracy and consistency
- One-click image capture and JPG/PDF/Excel report saving
- Detects defects smaller than 1 µm in diameter
- Built-in rechargeable lithium battery with up to 5 hours operating time
- Fast single-way focus in approximately 1–3 seconds
- More than 40 quick-change adapter tip options for different connector styles
- WiFi operation with compatible Android™ and Apple® iOS devices
- Dedicated LED button for convenient light-source control

Technical Specifications:

Specification	Details
Inspection type	Digital fibre end-face inspection
Connectivity	WiFi / USB
Magnification	400×
Automated analysis	PASS/FAIL
Inspection criteria	IEC/IPC criteria
Defect detection	< 1 µm diameter
Focus time	Approximately 1–3 seconds
Accuracy & consistency	Up to 98%
Mobile compatibility	Android™ / Apple® iOS
USB OS support	Windows™ / Linux / Mac
Report formats	JPG / PDF / Excel

Standard Configuration:

Included Item	Qty
Wireless Fibre Inspection Scope	1
SC-PC-F adapter tip	1
SC-PC-M adapter tip	1
FC-PC-F adapter tip	1
FC-PC-M adapter tip	1
LC-PC-F adapter tip	1
LC-PC-M adapter tip	1
USB to Micro USB cable (charging + data)	1
Soft case	1

Optional accessory: 5 V / 1 A USB AC charging adapter.

Typical Applications:

- ✓ Fibre patch lead inspection
- ✓ Optical transceiver inspection
- ✓ Connector cleanliness checks
- ✓ Fibre installation and commissioning
- ✓ Data centre maintenance
- ✓ Telecommunications field testing
- ✓ Network troubleshooting
- ✓ Preventative maintenance
- ✓ Quality assurance
- ✓ Laboratory and research use

Ordering Code:

V5000-WIFI