

fiber instrumentation

digital fiber microscope & tips for fiber inspection

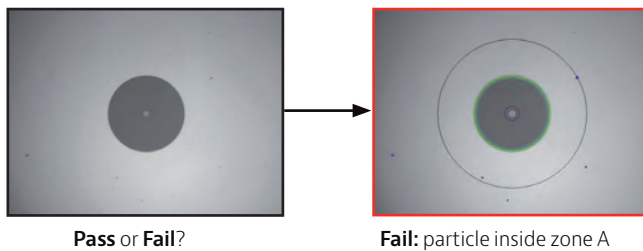


OPTICAL
TECHNOLOGIES



digital fiber inspection kit P5000i (FBP-SD101)

The digital fiber inspection kit FBP-SD101 includes a digital fiber microscope P5000i with FiberChekPRO™ software, four inspection tips and a case. The P5000i is a digital handheld microscope that automatically inspects and certifies the end faces of fiber connectors according to industry standards and specifications. This digital microscope provides instant pass/fail results at the push of a button, eliminating subjective and time-consuming guesswork.



Eliminate guesswork with objective testing

- Inspect and certify fiber end-face quality at the push of a button, making your technicians instant fiber experts
- Ensure physical-layer performance by guaranteeing fiber connectivity meets industry standards
- Eliminate confusion with fast, easy and objective testing
- Certify fiber end-face quality with your existing Viavi test platform or mobile device
- Let your technicians get it right the first time, drive best practices, improve quality of work and optimize workflows
- Ensure lifetime connections and protect network investments by preventing damage to fiber components and equipment

Kit FBP-SD101 includes:

- P5000i digital analysis microscope
- 4 inspection tips:
 - Universal 2.5mm PC patch cord tip
 - Universal 1.25mm PC patch cord tip
 - SC/PC Bulkhead tip
 - LC/PC Bulkhead tip
- Soft bag for microscope and accessories
- Carrying case for tips
- FiberChekPRO™ software installation disk
- QuickStart manual

The world's most versatile pass/fail analysis solution

Compatible with Viavi solutions (including T-BERD®/MTS-2000/4000/5800/6000A, 8000v2, HST-3000, Certifier40G, CellAdvisor JD720C) that users rely on daily for essential testing as well as with laptops, PCs and Android™ mobile devices, the P500i allows users to guarantee connector compliance to industry standards with a fast, repeatable analysis that easily integrates into their existing test procedures. It easily connects with Viavi test solutions and mobile devices via a simple USB connection.

GFBP-P5000i specifications (typical at 25° C)










Weight	110 g (3.88 oz)
Dimensions (w × h × d)	140 × 46 × 44 mm (5.5 × 1.8 × 1.7 in)
Low mag field-of-view (FOV)	Horizontal: 740 μm / Vertical: 550 μm
High mag field-of-view (FOC)	Horizontal: 370 μm / Vertical: 275 μm
Live image	640 × 480 fps
Connector	USB 2.0 (backwards compatible to USB 1.1)
Cord length	183 cm (6 ft)
Camera sensor	2560 × 1920, 1/2.5-in CMOS
Particle size detection	< 1 μm
Light source	Blue LED, 100,000+ hour life
Lighting technique	Coaxial
Power source	USB Port
Certification	CE
Warranty	1 yr



- Optical Technologies
- Power Technologies
- Thermal Management



accessories: tips for fiber inspection

	Type	Product name	Connector type	Application	Manufacturer part/number	Order number AMS Technologies
	FC tip	Tip FC Bulkhead for FBP	FC	Bulkhead	FBPT-FC	2100699
	FC tip	Tip FC-APC Bulkhead for FBP	FC-APC	Bulkhead	FBPT-FC-APC	2100167
	LC tip	Tip LC Bulkhead for FBP	LC	Bulkhead	FBPT-LC	2100214
	SC tip	Tip SC Bulkhead for FBP	SC	Bulkhead	FBPT-SC	2100210
	SC tip	Tip SC-APC Bulkhead for FBP	SC-APC	Bulkhead	FBPT-SC-APC	2100168
	Universal tip	Tip Universal LC,/MU 1.25mm Patch Cord for FBP	LC/MU	Patch Cord	FBPT-U12M	2005080
	Universal tip	Tip Universal (APC)LC,/MU 1.25mm Patch Cord APC Polish Slip Fit for FBP	(APC)/LC/MU	Patch Cord	FBPT-U12MA-SF	2100165
	Universal tip	Tip Universal SC/FC/ST/E2000 2.5mm Patch Cord For FBP	SC/FC/ST/E2000	Patch Cord	FBPT-U25M	2100215
	Universal tip	Tip Universal 2.5mm APC Patch Cord for FBP	(APC)/ SC/FC/ST/ E2000	Patch Cord	FBPT-U25MA	2100158

The FBPP-WIFI wireless adapter

The adapter allows you to connect your FBP-P5000i wirelessly to an Android™ or iOS device. It can also be used with Windows® to connect to a mobile device, PC or laptop via WiFi.



FBPP-WIFI specifications

Dimensions	218 × 50 × 131 mm (8.6 × 2.0 × 5.2 in)
Weight	272 g (9.5 oz)
Connector	USB 2.0 (Micro-B)
Power Source	Internal Li-ion Battery, USB power
Run Time	5.5 hr
Charge Time	2.5 hr (2.1 A max power source) 8 hr (500 mA max power source)
Power Supply	5 VDC, 2.1 A USB power adapter with interchangeable wall plug for EU, UK, US and AU



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