

### FOCIS PRO - FOCIS WIFI Combo Kit

Our award winning connector inspection solutions bundled together to address ALL your needs!



#### Features

- WiFi version makes use of your smart device and it’s powerful and easy-to-use capabilities
- Connect scope directly to the DFD1 tablet when smart device is not allowed or available
- Always be ready to inspect before you connect!

#### Applications

- Automatic Analysis of fiber end-face
- Built-in IEC 61300-3-35, AT&T-TP-76461 and user-defined limits
- Full pass/fail analysis in less than 1 second on FOCIS MOBILE
- Capture, save, review and share images

The FOCIS PRO/FOCIS WiFi Combination Kit includes the flexibility of WiFi enabling users to inspect, analyze and document connector end-faces using their smart device and a DFD1 Touchscreen Tablet for when smart devices and/or WiFi cannot be used on the work site.

The FOCIS WiFi consists of the proven DFS1 Digital FiberScope and a Portable Application Link WiFi unit. It also includes FOCIS MOBILE, a mobile app available for iPhone and iPad as well as Android mobile devices.

The DFD1 Touchscreen Tablet is a purpose-built Windows® computer equipped with AFL’s powerful SimpleView PRO analysis software. The bright, crisp display provides detailed images and a Zoom/Pan feature allows the user to identify the smallest particles, scratches and imperfections.

Unique to FOCIS products is an image pairing feature, which documents before/after, jumper/bulkhead, input/output and other common fiber cleanliness comparisons. Up to 1000 fiber images may be stored in on-board memory of the DFD1 and images may be transferred via any off-the-shelf USB memory stick or SD flash card. The DFD1 incorporates a proven shock-absorbing rubber boot that doubles as a tilt stand and hanger.

## FOCIS PRO - FOCIS WIFI Combo Kit

### Specifications<sup>a</sup>

#### DFS1 Digital FiberScope

OPTICAL PERFORMANCE	
Nominal Magnification	400 x
Field of View	400 x 300 µm
Focus Range	2 mm travel
Optical Resolution	1.0 µm or better
VIDEO PERFORMANCE	
Video Image Resolution	320 x 240 pixels
PHYSICAL CHARACTERISTICS	
Dimensions	35 x 175 mm (without adapter tip)
Weight	200 g
Illumination Source	Blue LED, coaxially aligned
Electrical Connector	USB 2.0 (male)

#### FOCIS Mobile Application Software

PERFORMANCE	
Displayed Image Resolution	320 x 240 pixels
Video Update Rate	5 frames/second
Connector Inspection Time	500 msec typical
Automatic Detection Capability <sup>b</sup>	1.3 µm particles and scratches
OS Compatibility	Android 2.3 and newer, iOS7 and newer

#### FOCIS PRO Tablet

DFD1 TOUCHSCREEN TABLET	
Display Type	TFT LCD
Display Size	127 mm (5 in), 9:16 aspect ratio
Display Resolution	WQVGA, 480 x 272 pixels
Unit Size without boot (L x W x H)	144 x 88 x 20 mm (5.7 x 3.5 x 0.8 in)
Weight	220 g (7.7 oz)
Power	Li-Ion battery or AC power adapter, 100 – 240 VAC input
Battery Life	120 minutes
Battery Recharge Time <sup>c</sup>	5.5 hours

#### Notes:

- a. All specifications valid at 23°C ±2°C (73.4°F ±3.6°F) unless otherwise specified.
- b. FOCIS WiFi PRO only.
- c. Typical, from fully discharged to fully charged state, unit may be operating.

Contact your KGP Logistics representative for more information:

**KGP Logistics**  
3305 Hwy 60 West  
Faribault, MN 55021

**800-755-1950**  
[www.kgplogistics.com](http://www.kgplogistics.com)

KGP Product ID#	MODEL	DESCRIPTION	AFL NO.
0000397488	FOCIS-219P	FOCIS PRO SC/FC UPC & APC Inspection and Analysis Kit Includes DFD1 Touchscreen Tablet, AFL SimpleView PRO software, DFS1 Digital FiberScope, (1) Universal 2.5 mm UPC (male) probe tip adapter for PC ferrule connector, (1) SC/PC and FC/PC bulkhead (female) probe tip adapter, (1) Universal 2.5 mm (male) probe tip adapter for APC ferrule connector, (1) SC/APC bulkhead (female) probe tip adapter, AC adapter, reference guide, and hard carry case.	FOCIS-00-PT01

#### Portable Application Link

WiFi CHARACTERISTICS	
Protocol	IEEE 802.11 b/g/n
Frequency/Channel	2.4 -2.4835 GHz
SSID	Broadcast On: AFL_XXXXXXXX (contains 9 digit serial number)
Range	2.4 meters minimum
BATTERY	
Type	Internal Li-ion, 5200 mAH rechargeable
Capacity	9.5 hours of continuous operation with DFS1
AC Adapter/Charger	+5VDC @ 1A USB output, 100 - 240VAC 50/60 Hz, 7 hours charging time maximum
PHYSICAL CHARACTERISTICS	
Dimensions	93.8 x 43.1 x 26.0 mm
Weight	129 g
Video Probe connector	USB 2.0 (female)
NetworkConnector(OEMuseonly)	RG-45

#### Environmental Performance

Operating Temperature	-10°C to 55°C
Storage Temperature	-20°C to 60°C
Operating Humidity	10% to 80%

DFD1 TOUCHSCREEN TABLET SYSTEM PERFORMANCE	
Manual Detection Capability	0.5 µm
System Optical Resolution	1.0 µm
Field of View	400 µm x 350 µm
Analysis Resolution	1.3 µm

