FOCIS Flex Fiber Optic Connector Inspection System   U.S. Patent Pending

Features

- Auto-focus and auto-centering for fast, easy inspection
- Un-tethered operation simplifies access at patch panels
- Pass/fail analysis using IEC 61300-3-35 or user-defined criteria
- Self-contained, compact, handheld inspection solution
- Use independently, or Bluetooth pair with FlexTester OTDR
- Save results internally and upload via Bluetooth or USB
- Ergonomic design fits in the palm of your hand

Applications

- Inspect connectors on patchcords or in bulkhead adapters
- Optical network installation, troubleshooting and maintenance
- Assure critical fiber infrastructure performs properly
- Keep fiber connections working at optimal performance levels
- Verify proper connector cleaning practices are being used

Pass/fail results in seconds: With the press of a single button, FOCIS Flex auto-focuses, captures and centers the end-face image, applies pass/fail rules, displays image and pass/fail results, and wirelessly transfers image and results to a paired FLX380 or OFL280 FlexTester. All in a matter of seconds!

Independent, untethered operation: With rechargeable battery supply and integrated display, FOCIS Flex can be used independently – without requiring an external OTDR or display unit.

Pair with FlexTester OTDR: Still prefer to view and save images and pass/fail results on your FlexTester OTDR? No problem! Captured images and pass/fail results are immediately displayed on the paired FlexTester and are easily saved in the FlexTester, along with associated OTDR and/or insertion loss test results.

Save results internally or externally: FOCIS Flex internally stores thousands of results using file-naming capabilities similar to FlexTester OTDRs. A micro-USB port supports fast upload of internally stored results to PC, and ensures your FOCIS Flex software can be updated to the latest features and supported languages.

Wide range of adapter tips: Interchangeable adapter tips support connector inspection for a wide range of patchcords and bulkhead-mounted connectors having either PC or APC polished end-faces.

FOCIS Flex is available in standalone kit configurations including soft carry case / holster and user-selected adapter tips. FlexTester Complete2 and PRO2 Kits combine a user-selected FLX380 or OFL280 FlexTester with FOCIS Flex, cleaning supplies and hard carry case.

fujikura.co.uk   Fujikura Europe Ltd, C51 Barwell Business Park, Leatherhead Road, Chessington, Surrey, KT9 2NY
Specfcations are subject to change without notice.

1

FOCIS Flex Fiber Optic Connector Inspection System   U.S. Patent Pending

Specifications [a]

OPTICAL PERFORMANCE	
Field of View (viewed on FOCIS Flex)	Live: 600 x 700 µm; Captured, Zoomed Out: 410 x 430 µm; Captured Zoomed In: 280 x 300 µm
Field of View (Viewed on a PC)	Zoomed Out: 420 x 560 µm; Zoomed In: 280 x 370 µm
Manual Detection Capability	1 µm
Analysis Resolution	1.5 µm
Captured Image Size (Pixels)	640 x 480
OPERATING FEATURES	
Focus	Auto-focus and manual focus
Centering	Auto-centering after capture
Pass/Fail Analysis	IEC 61300-3-35 and user-set criteria
Image Capture and File Storage Capacity	10,000 files
File Format (Image and Pass/Fail Results)	jpg, gif
Bluetooth Characteristics	OBEX to FLX380 & OFL280 FlexTester OTDRs
USB Characteristics	USB 2.0 mass storage device
Supported Languages	English
PHYSICAL AND POWER CHARACTERISTICS	
Display size, type, resolution	2.4", TFT, 240x320
Battery Type	NiMH, user replaceable
Battery Operating Time (typical)	8 hours (60 tests in 20 minutes each hour; auto-off enabled)
Recharge Time	4 hours
Power Save Features	Auto-off (disabled, 1, 2, 5 minutes)
AC Charger voltage, frequency, current	100-240 V, 50/60 Hz, 6VDC, 1A
Size	47 x 37 x 175 mm (1.8 x 1.5 x 6.8 in)
Weight	230 g (0.5 lb)
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	0 to +50 °C
Storage Temperature	-40 to +70 °C
Relative Humidity	95%, non-condensing
Transit and shock	2G vibration, 30G shock

Notes:

a.   All specifications valid at 23°C ±2°C (73.4°F ±3.6°F).

Ordering Information

DESCRIPTION	AFL NO.
FOCIS Flex Kit, soft carry case / holster, USB cable, AC charger, reference guide, no tips	FOCIS-FLX-P4XN
FOCIS Flex Kit, soft carry case / holster, USB cable, AC charger, reference guide, 2 user-selected UPC adapter tips (ferrule and bulkhead), user-selected One-Click cleaner	FOCIS-FLX-P4XU
FOCIS Flex Kit, soft carry case / holster, USB cable, AC charger, reference guide, 2 user-selected APC adapter tips (ferrule and bulkhead), user-selected One-Click cleaner	FOCIS-FLX-P4XA

fujikura.co.uk   Fujikura Europe Ltd, C51 Barwell Business Park, Leatherhead Road, Chessington, Surrey, KT9 2NY

FOCIS Flex Fiber Optic Connector Inspection System

U.S. Patent Pending

FlexTester PRO2 and FlexTester Complete2 Kits with FOCIS Flex

Each **FlexTester PRO2** Kit includes the following:

- User-selected FLX380-3xx or OFL280-1xx FlexTester (OTDR, PON OTDR, Source, Power Meter, VFL) with user-specified ferrule type ([F] = U for UPC, [F] = A for APC)
- FlexTester accessories (AC charger, reference guide in user-specified language [LLL], USB cable, TRM 2.0 Basic Test Results Manager Windows-compatible software)
- FOCIS Flex Fiber Optic Connector Inspection System and accessories (AC charger, reference guide, USB cable, soft carry case/holster)
- Two user-selected adapter tips plus one user-selected One-Click cleaner
- 150 m Fiber Ring (launch cable) with user-specified connectors
- Rugged, waterproof carry case

DESCRIPTION	AFL NO.
FLX380-304[F] (1310/1550/1650 nm) FlexTester PRO2 Kit	FLX380-304[F]-[LLL]-PRO2
FLX380-303[F] (1310/1550/1625 nm) FlexTester PRO2 Kit	FLX380-303[F]-[LLL]-PRO2
FLX380-302[F] (1310/1490/1550 nm) FlexTester PRO2 Kit	FLX380-302[F]-[LLL]-PRO2
FLX380-300[F] (1310/1550 nm) FlexTester PRO2 Kit	FLX380-300[F]-[LLL]-PRO2
OFL280-103[F] (1310/1550/1625 nm) FlexTester PRO2 Kit	OFL280-103[F]-[LLL]-PRO2
OFL280-102[F] (1310/1490/1550 nm) FlexTester PRO2 Kit	OFL280-102[F]-[LLL]-PRO2
OFL280-100[F] (1310/1550 nm) FlexTester PRO2 Kit	OFL280-100[F]-[LLL]-PRO2

FlexTester Complete2 Kits include everything in the FlexTester PRO2 kit plus choice of Optical Fiber Identifier.

DESCRIPTION	AFL NO.
FLX380-304[F] (1310/1550/1650 nm) FlexTester Complete2 Kit	FLX380-304[F]-[LLL]-CMP2
FLX380-303[F] (1310/1550/1625 nm) FlexTester Complete2 Kit	FLX380-303[F]-[LLL]-CMP2
FLX380-302[F] (1310/1490/1550 nm) FlexTester Complete2 Kit	FLX380-302[F]-[LLL]-CMP2
FLX380-300[F] (1310/1550 nm) FlexTester Complete2 Kit	FLX380-300[F]-[LLL]-CMP2
OFL280-103[F] (1310/1550/1625 nm) FlexTester Complete2 Kit	OFL280-103[F]-[LLL]-CMP2
OFL280-102[F] (1310/1490/1550 nm) FlexTester Complete2 Kit	OFL280-102[F]-[LLL]-CMP2
OFL280-100[F] (1310/1550 nm) FlexTester Complete2 Kit	OFL280-100[F]-[LLL]-CMP2

FOCIS Flex Adapter Tips (Contact AFL for adapter tips for other connector types)

DESCRIPTION	AFL NO.
FOCIS Flex Adapter Tip, Bulkhead, SC-UPC	FFLX-01-SC
FOCIS Flex Adapter Tip, Bulkhead, FC-UPC	FFLX-01-FC
FOCIS Flex Adapter Tip, Bulkhead, ST-UPC	FFLX-01-ST
FOCIS Flex Adapter Tip, Bulkhead, LC-UPC	FFLX-01-LC
FOCIS Flex Adapter Tip, Ferrule, Universal 2.5 mm, UPC	FFLX-01-U25
FOCIS Flex Adapter Tip, Ferrule, Universal 1.25 mm, UPC	FFLX-01-U125
FOCIS Flex Adapter Tip, Bulkhead, SC-APC	FFLX-01-ASC
FOCIS Flex Adapter Tip, Bulkhead, FC-APC	FFLX-01-AFC
FOCIS Flex Adapter Tip, Bulkhead, LC-APC	FFLX-01-ALC
FOCIS Flex Adapter Tip, Ferrule, Universal 2.5 mm, APC	FFLX-01-A25
FOCIS Flex Adapter Tip, Ferrule, Universal1.25 mm, APC	FFLX-01-A125

AFL International Sales and Service Contact Information

www.AFLglobal.com/NOYES/Contacts