

Dimension AutoGet Wi-Fi by Kingfisher Fiber Inspection Probe

Optical Communications Test Applications

- Optical connector end face inspection and pass/fail analysis
- Multimode, single mode, MPO
- Most male and female connector styles



Revision 3

The AutoGet Wi-Fi is manufactured by our partner, Dimension. It is a fully automated tool to check and analyze fiber optic connector end faces for dirt, condition, and quality as per IEC61300-3-35 requirements.

Images are auto centered/focused and can be viewed directly on an integrated LCD display. Pass/fail analysis starts and, with its data & report saved automatically with just a push of button. The data & report saved in SD card on the device can later be downloaded onto PC via USB or Wi-Fi.

Easy operation, robust construction and quality optics ensure that this equipment will enhance the performance of installation and maintenance staff.

Features

- Fully automated pass/fail analysis
- IEC61300-3-35 compliant pass/fail analysis
- Auto generated analysis image, data & reports
- Integrated 3.2" LCD touch screen with auto brightness control
- Good image quality with auto centering/focusing
- Adjustable in 2 styles
- Captive dust/protective cap
- LED analysis status indicators
- Long operation from a Snap-on Li-ion battery rechargeable via USB-C cable
- Quick-change adaptors for many connector styles
- LED torch for work in low light conditions
- Handy storage case for inspection adaptors
- Simplex and duplex connectors
- Imaging apps for Window devices via Wi-Fi
- 1 year warranty

Dimension AutoGet Wi-Fi by Kingfisher – Fiber Inspection Probe

The AutoGet Wi-Fi Fiber Inspection Probe makes a useful tool for inspecting fiber optic connectors for dirt condition or quality and, offers improved overall performance and features.

The device features a fully automated IEC61300-3-35 compliant pass/fail analysis. With just a push of a button, end-face image is automatically focused, centered and analyzed, with its resultant image/data displayed directly on an integrated 3.2" LCD. Upon completing an analysis, the resultant image/data/report are automatically saved in the SD card that comes with the device. The content in SD card can then be downloaded onto a PC via USB. Alternatively, the device can be connected via Wi-Fi to the PC App for pass/fail analysis and downloading data from the device.

Users can view images/analysis results directly on the integrated LCD, without having to connect to a separate display device. In addition, the green/red LED on the device provides pass/fail analysis status to users conveniently without needing them to look at the LCD.

The pass/fail analysis feature of the device also supports MPO12 when Installed with the correct adaptor option.

Standard adaptors include, 1.25mm Male, 2.5mm Male, FC Female, SC Female, LC Female. many more adaptor types are available as options to suit your specific needs. The adaptors can be stored, organized, and kept clean in the dust-tight storage case that comes with the device.

The ergonomically designed trigger-like physical button on the device, allows user to capture image and/or start pass/fail analysis conveniently, without having the need to release one hand to reach the relevant soft-button when operating with PC App.

The wrist strap with a captive dust cap provides protection to the adaptor and adaptor head against damage from dropping the probe.

The probe features an illumination LED that can be switched on to assist work under dark or low light conditions.

SPECIFICATIONS

Parameters	Value
Optical magnification	8.72x (non-MPO12) / 5x (MPO12)
Field of view	Non-MPO: 620x620um (preview mode), 250x250um (analysis mode), 130x130um (Core mode) MPO12: 1440x1100um (preview mode), 220x220um (analysis mode)
Resolving power	< 1 um
Focus/center method	Auto (in pass/fail analysis mode) / Manual (in preview mode)
Fully automated Pass/fail analysis	IEC61300-3-35 compliant (refer to user manual for various connectors' specifications)
Communication interface	WiFi802.11 / USB2.0
Memory storage	16G SD card (supplied)
Software	Pass/fail analysis and data download (Win7 and above)
Display	480x800 3.2" LCD touch screen with auto brightness control
Features	LED torch, captive dust cap, LED standby/pass/fail indicator, 2-style adjustable, selectable auto-off (disabled, 10, 20, 30 minutes)
Power	Snap-on Li-ion battery rechargeable via USB-C, 4hrs charging time (@ 0.2A from 0 charge), 9 hours operating time
Operating / storage temp	-5 to +40 °C / -20 to +55 °C
Relative humidity	90%
Weight	570 g (including battery)
Size	341x67x57mm / 281x201x57mm (when folded)
Warranty	1 year

ORDERING INFORMATION

Description	Part Number
Instrument, Dimension AutoGet Wi-Fi Fiber Inspection Probe	AutoGet-WiFi

STANDARD ACCESSORIES

Description	Quantity
Inspection adaptors: 1.25mm Male, 2.5mm Male, FC Female, SC Female, LC Female	1 each
Adaptor storage box	1
Captive protective cap	1
USB charger with Interchangeable International Plug Style Adaptors (US, UK, EU, AU)	1 set
USB Wi-Fi module	1
Snap-on Li-ion battery	1
USB Cable (type A-C)	1
Touch pen	1
16 GB SD card	1
Storage case for inspection adaptors	1
Carry case	1
Carry strap	1
Operation manual	1
QA certificate	1
PC software	Downloadable free from: www.kingfisherfiber.com

OPTIONAL ACCESSORIES

Description	Part number		
Option, Connector Adapter, 1.25mm Male, APC	OPT630A	Option, Connector Adapter, 1.6 mm Male	OPT637
Option, Connector Adapter, 2.5mm Male, APC	OPT631A	Option, Connector Adapter, 2.0 mm Male	OPT638
Option, Connector Adapter, LC Female, APC	OPT632A	Option, Connector Adapter, Optitap	OPT639
Option, Connector Adapter, SC Female, APC	OPT633A	Option, Connector Adaptor, E2000 Male	OPT640
Option, Connector Adapter, FC Female, APC	OPT634A	Option, Connector Adaptor, E2000 Male, APC	OPT641
Option, Connector Adapter, MPO12 PC/APC Interchangeable	OPT635	Option, Connector Adaptor, E2000 Female	OPT642
Option, Connector Adapter, MPO12 PC/APC Interchangeable, Auto P/F	OPT636	Option, Connector Adaptor, E2000 Female, APC	OPT643

Please enquire for other PC or APC adaptor types

Technical data is subject to change without notice as part of our program of continuous improvements.

AUTHORIZED DEALER