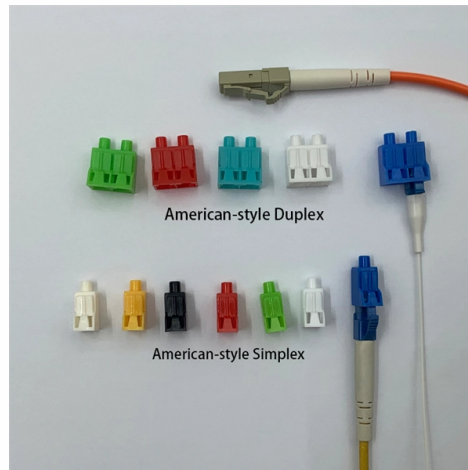


Portable Fiber Optic Endface Inspection Instrument



AI Overview

Portable fiber optic end-face inspection instruments are compact, high-resolution tools designed for rapid, automated, and standards-compliant inspection of fiber connector end-faces in field and lab environments.

Key Features

- High-Resolution Imaging:** Modern portable inspectors use ultra-high-resolution optics or dual 5-megapixel CMOS sensors to detect micron-level defects on fiber end-faces, ensuring accurate assessment of signal quality and connector integrity (Auniontech, Dimension Technology) .
- Automation and AI Assistance:** Many instruments, such as the FastCheck V2 and Auniontech analyzers, incorporate AI-driven algorithms for automatic defect detection, pass/fail evaluation, and real-time analysis, reducing operator dependency and improving inspection efficiency .
- Portability and Field Use:** Devices like the NEXCONEC Portable Inspection Microscope and EasyGet2 are designed for on-rack or field deployment, allowing inspection of patch cords, pigtailed, and connectors without disconnection from panels or wall boxes .
- Connector Compatibility:** These instruments support a wide range of connector types, including single-core, MPO, PC, UPC, and APC polished ferrules, as well as multi-fiber arrays, optical transfer modules, and TOSA/ROSA components .
- Standards Compliance:** Many portable analyzers adhere to IEC 61300-3-35 standards (Ed.3, 2022) for fiber end-face inspection, ensuring consistent, repeatable, and traceable results suitable for telecom, data center, and FTTH deployments .
- Data Management and Reporting:** Advanced models provide digital imaging, network connectivity, and automated report generation with metadata including timestamp, GPS coordinates, operator ID, and connector type, supporting quality assurance and GLP/GMP-aligned workflows .
- Ease of Use:** Features such as automated centering, focusing, exposure adjustment,...

Article Content

Portable Fiber Endface Inspector

This portable inspector can check the end face of pigtail and patch cord, and also capable of inspecting the connector end face through adapter which is already

AutoGet Portable Fiber End-face Visual Inspector/Auto Focus

With the help of Dimension's rich experience on visual inspection, the latest hardware, and software, Autoget can automatically analyze the fiber end-face quality based on IEC standard or customer

EasyGet 2 Portable Fiber End-face Visual Inspector (Inspection Scope ...

Easyget 2 is a portable type of fiber endface inspector developed by Dimension Technology. By magnifying 200~400 time of the objects, you can identify defects and scratches on the endface of

FI-7000 FiberInspector Pro Fiber Optic Inspection Scope

Fluke Networks FI-7000 FiberInspector Pro fiber optic inspection scope featuring 1-second automated PASS/FAIL certification of fiber optic connector end-faces.

Fiber Optic Inspection Products

AFL Fiber Inspection Products enable network technicians and other personnel to safely inspect fiber endfaces for contamination and verify the effectiveness of fiber cleaning procedures.

Fiber End Face Inspection

Thorlabs' Fiber End Face Inspection Systems include a Fiber Cleave Analyzer that performs interferometric measurements on bare fiber and a Visual Scratch &

Fiber testers : Equipment and tools | Fluke Networks

Technicians use various tools to install, maintain, and troubleshoot fiber cabling: detection and verification testers, certification testers, inspection cameras,

Fiber Inspection Scope Products

Shop fiber optic inspection scopes, including single- and multi-fiber inspection products from trusted brands like Dimension, Domaille, Viavi, and Jonard.

EasyGet2 Portable Fiber Endface Microscope-DIMENSION

EasyGet2 Portable Fiber Endface Microscope Portable, sleek design for effortless on-rack end-face detection of optical communication products.

Optical connector end face inspection machine series

The Optical Connector End Face Inspection Machine series is a fiber end face inspection device that allows for easy observation of dirt on the end faces of optical connectors and transceivers (*). *Some

SmartCheck Intelligent Fiber Endface Inspector-DIMENSION

Product Details Product Overview SmartCheck inspection instruments launched by Dimension Technology. It features automatic analysis, automatic focusing, and automatic measurement,

EASYCHECK Integrated Fiber End-face Visual Inspector

EASYCHECK Integrated Fiber End-face Visual Inspector Easycheck is an integrated fiber endface inspector developed by Dimension Technology; it combines optical microscope and monitor in a

EASYGET 2 Portable Fiber End-face Visual Inspector & Monitor

EasyGet2 Portable Fiber Endface Microscope Portable, sleek design for effortless on-rack end-face detection of optical communication products.

Endface Inspection-DIMENSION

Dimension is committed to building a series of portable fiber optic end face probes/microscopes, becoming ideal tools for inspecting fiber connector end-face defects before and after network

EasyGet2 Portable Fiber Endface Microscope

EasyGet2 Portable Fiber Endface Microscope Portable, sleek design for effortless

Fiber End-face Visual Inspector

Easyget is a portable type of fiber endface inspector developed by Dimension Technology. By magnifying 200~400 time of the objects, you can identity defects and scratches on the endface of

Automated Fiber Inspection Scope | Kingfisher International

Automated Fiber Inspection Scope AutoGet WiFi A handheld fiber optic connector end-face inspection probe.

Fiber End-face Visual Inspector

EasyGetWiFi Wireless Fiber End-face Inspector EasyGetWiFi, its portable handheld fiber end-face visual inspector. Equipped with WiFi and USB port for image transmission, EasyGetWiFi can transfer

Fiber Instruments-Laser Instrument-Sintec Optronics Pte Ltd-One-stop ...

Curved Adaptor: To meeting the demanding from inspection on ADSL modem, curved adaptor is designed for use. If you have new device to inspect, we are ready to support. Compact

ABL-FI600

ABL-FI600 fiber optic inspection kit: portable microscope, cleaning tools, adapters. Fast, accurate endface cleaning for FTTH, data centers, telecom. Maintain network performance.

Fiber inspection | Fiber equipment

Fiber inspection It's a fact: dirty and/or damaged fiber connectors are one of the most common causes of optical network problems. And today, when operators operate under amplified OPEX pressure and

Fast Check MT Fully Fiber Endface Inspector

In order to quickly improve the efficiency of the production fiber endface inspection, Dimension launched Fastcheck MT Fully Fiber Endface Inspector. For optical transceivers and connectors, the field of

EASYGET 2 Portable Fiber End-face Visual Inspector

EASYGET 2 Portable Fiber End-face Visual Inspector Easyget 2 is a portable type of fiber endface inspector developed by Dimension Technology. By magnifying 200~400 time of the objects, you can

Fiber Endface Microscope

Lightweight & portable, easy to use, built-in battery, universal Type C interface and LED lighting, all these user-friendly designs, provide users unparalleled handling experience, making it the most

Sumix | Fiber inspection microscopes overview

All-in-one probe for checking the end face clarity of single and multi-fiber optic connectors. Designed to offer exceptional detail of the image as well as

EasyCheck V2 Digital Fiber Endface Inspector-DIMENSION

EasyCheck V2 Digital Fiber Endface Inspector Next-gen all-digital fiber end-face detector with digital imaging for enhanced internal capabilities. Digital imaging scheme with high image resolution and

Portable Optical Fiber End Face Visual Inspection-DIMENSION

Find the Portable Optical Fiber End Face Visual Inspection That's Right For You AutoGet MT Fiber Endface Inspector Its large-field-of-view (FOV) design ensures full-core coverage in a single scan,

Portable Endface Inspector, 400X Fiber Optic Inspection Probe

* Measurement Information Recording Support Portable Endface Inspector
Supports real-time video recording and expandable TF card for convenient and quick recording of measurement

EasyGet Digital Portable Fiber Endface Microscope-DIMENSION

EasyGet Digital Portable Fiber Endface Microscope Digital imaging solution, user-friendly operation with USB retractable cable for display connectivity.

Contact Us

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