

Fiber Optic End Face Inspection Instrument Price Quote



AI Overview

Fiber optic end-face inspection instruments range from affordable handheld microscopes to high-end automated benchtop analyzers, with prices reflecting their capabilities, automation, and throughput.

Categories and Price Ranges

Handheld Fiber Inspection Probes Portable, lightweight, and suitable for field use. Provide magnified views of fiber endfaces, typically 200x–400x. Some models include Wi-Fi connectivity for image capture and reporting. Price Range: Approximately \$200–\$1,500 depending on magnification, camera quality, and connectivity features (RP Photonics, Accio).

Video or Digital Fiber Microscopes Capture images and allow storage for documentation. Often used in labs or production environments. Can include automated pass/fail analysis for IEC 61300-3-35 compliance. Price Range: Around \$1,500–\$5,000, depending on resolution, software features, and multi-fiber compatibility (FindLight, Fiber Optic Center).

Automated Benchtop End-Face Analyzers High-end instruments for multi-core connectors and high-density modules. Features include automatic focusing, center finding, pass/fail analysis, and real-time reporting. Designed for high-volume production (e.g., 400G/800G/1.6T transceivers). Price Range: Typically \$10,000–\$50,000+, reflecting advanced automation, large-field imaging, and multi-fiber inspection capabilities (Dimension Technology FastCheck MT).

Key Considerations Affecting Price

Automation Level: Fully automated systems with AI-based pass/fail analysis cost significantly more than manual or semi-automated devices.

Connector Compatibility: Instruments supporting multiple connector types (SC, LC, FC, MTP/MPO) and multi-fiber arrays are more expensive.

Magnification and Imaging Quality: Higher magnification (400x+) and high-resolution cameras increase cost.

Portability vs. Lab Use: Handheld probes are cheaper but less suitable for high-...

Article Content

Fiber end face inspection microscope

Explore precision fiber end face inspection with our optical inspection microscope. Featuring Fiberscope technology for reliable, high-resolution analysis in telecom and data centers.

HTO-7000B Fiber End Face Detector – 200X/400X Microscope

DESCRIPTION The HTO-7000B Integrated Optical Fiber End Face Detector is HOLIGHT's advanced end-face inspection system, built to support production, testing, and R&D

Fiber Inspection | Fiber Probes & Scopes

The INNO Instrument V20 Fiber Optic Inspection Microscope is a handheld USB inspection probe designed for evaluating optical connector end-faces during fiber installation and maintenance. The

AutoCheck Intelligent Integrated Fiber End-face Visual

AutoCheck is the first intelligent integrated fiber end-face inspector developed by Dimension Technology. With the advantages of Dimension image analysis

400X Fiber Optic Connector End-Face Inspector

400X Fiber Optic Connector End-Face Inspector Microscope, Find Details and Price about Fiber Cleaver FTTH from 400X Fiber Optic Connector

EasyCheck Integrated Fiber End-face Visual Inspector

With coaxial illumination optical magnify system, Easycheck can easily find the slight defects on fiber endface. High resolution image sensor and 8MP pure black-and

All-in-one Fiber Optic End-face Inspection Scope, IV200M

It automatically detects surface files and automatically analyzes spectral ends to generate reports. The use of coaxial optical amplification system and high

Fiber Inspection and Cleaning

From Lab & Production facilities to fiber testing in the field, when people need to inspect fiber, they look to VIAVI for the industry's best solutions to "Inspect Before You Connect".

Fiber Endface Inspection – connectors, bare fiber ends,

Various instruments are used for inspecting bare or connectorized fiber endfaces: fiber microscopes, videoscopes and interferometric analyzers.

400X Probe endface Inspector Fiber Optic Inspection

This is an all-in-one fiber end face inspection instrument, which integrates the optical microscope and display together instead of using a separate design. It has the

Dimension EasyCheck Dual Magnification Fiber

This innovative design offers the advantage of viewing the double-rate end face in

VFI-1200 Fiber End-Face Inspection System

The VFI-1200 interferometer is an optical fiber end-face inspection system specifically designed for checking the surface quality and flatness of your

Fiber Inspection | Fiber Probes & Scopes

Shop fiber inspection scopes and probes. Find Viavi, EXFO, and Fluke FiberInspector tools for fast, reliable fiber optic connector inspection.

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

Essential Fiber Optic Testers

Essential Fiber Testers Our industry-leading fiber optic inspection scopes provide handheld solutions with all the necessary capabilities that fiber technicians need for today's fiber testing and inspection

Fiber Optic Inspection Scopes

FS offers a range of fiber microscopes such as 400X Microscope, 200X Microscope, inspection probe for fiber optic inspection

VFI-1200 Fiber End-Face Inspection System

Get a price quote for VFI-1200 Fiber End-Face Inspection System directly from Arden Photonics Ltd | Ask questions and find out technical details and

Fiber Optic Microscope | Connector Inspection & End Face Testing ...

With Softing's fiber optic microscope, you can inspect connector end faces at the touch of a button—automatically, precisely, and in compliance with industry standards.

The VFI Optical Fiber End-Face Interferometer from

The VFI is an interferometric inspection system specifically designed for checking the surface quality and flatness of your cleaved, polished or lensed fibers.

AutoCheck Intelligent Integrated Fiber End-face Visual

AutoCheck uses customized criteria for fiber end-face inspection. The latest IEC

Fast Check MT Fully Fiber Endface Inspector

FastCheck MT Fully Fiber Endface Inspector efficiently meets capacity challenges with innovative technology. It adopts a large-field camera and high-precision

FiberChek Inspection Probe | VIAVI | Fibre Optic Testing

The FiberChek Probe builds on the VIAVI industry-leading expertise in fibre inspection to deliver a single "all-in-one" handheld solution that

Copper and Fiber Enterprise Network Certification | VIAVI Certifier

VIAVI Certifier is the industry standard in enterprise certification for both copper and fiber networks. Most advanced, most complete, and fastest solution.

Fiber End Face Inspection: Precision Tools for Optics

Find reliable fiber end face inspection tools with 400x magnification, real-time analysis, and pass/fail indicators. Click to explore top-rated suppliers and ensure flawless connections.

Interferometers

Shop Now. International distributor for fiber optic components, equipment and accessories while providing invaluable technical consultation and support.

Wireless Fiber Optic End Inspection Instrument

Wireless Fiber Optic End Inspection Instrument This Wireless Fiber Optic End-Face Inspector offers high-definition 200x magnification with seamless WiFi/USB connectivity for professional Android and

Optical Fiber End Face Inspection Microscope

Description Overview GAOTek end face inspection microscope Tester with color screen has stable and reliable performance, which integrates stable light source,

FI-7000 FiberInspector Pro Fiber Optic Inspection

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

Contact Us

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