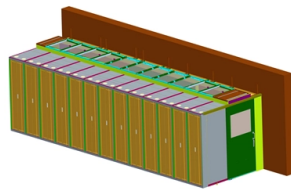


KLM2000 Integrated Fiber Optic End-Face Inspection Instrument



Overview

This full function fiber inspection scope 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. Since contamination or damage to the fiber end face can lead to signal attenuation, reflection loss, and unreliable connections, regular inspection and cleaning of the fiber end is essential. 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 transceiver types may not be compatible; please inquire for details. With the advantages of Dimension image analysis software and high performance embedded system, AutoCheck can identify the tiny defects accurately, conveniently and simply. The fiber end-face. Fiber optics is generally quite sensitive; tiny defects and even low levels of contamination on fiber endfaces can substantially degrade device and system performance.



Article Content

Oct 20, 2025

Connector Inspection and Maintenance

To properly inspect the connector end-face, it is recommended to use a microscope that is specially designed for the fiber-optic connector end-face. There are many types of inspection tools on the

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Fiber Inspection. Fiber Optic Inspection Scope and Probe

The VIAVI fiber optic inspection tools allow you to quickly and accurately determine the cleanliness of fiber connections when installing new networks.

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Sumix | Fiber inspection microscopes overview

Fiber Inspection Microscopes Microscopes for network maintenance, lab and manufacturing to inspect the end face of single and multi-fiber connectors for

Jun 29, 2025

How the 200x Handheld Fiber Optic Microscope

A fiber optic microscope plays a key role in maintaining optimal performance by allowing users to inspect the fiber's end-face for dirt, scratches,

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SUN-EC Fiber End-face Inspector

Sun Telecom's SUN-EC series of fiber end-face inspector is integrated equipment which combines an optical microscope and a monitor in one body. SUN-EC series of fiber end-face inspector has clear

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SmartCheck Intelligent Fiber Endface Inspector

SmartCheck Intelligent Fiber Endface Inspector- SmartCheck has default end face evaluation Settings that meet IEC requirements and can generate customized

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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

May 10, 2026

Interferometer VFI series

Interferometer VFI series The VFI series are Fiber End-Face Inspection Interferometers for quickly checking End-Face quality on fibers from 125 to 2000

Aug 29, 2025

Optical inspection methods for assessing fiber endface workmanship

With faulty optical connections a primary cause of network failures, fiber endface inspection is critical. Three methods of endface inspection are reviewed in this article.

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AUTOCHECK Intelligent Integrated Fiber End-face Visual Inspector

AUTOCHECK Intelligent Integrated Fiber End-face Visual Inspector AutoCheck is the first intelligent integrated fiber end-face inspector developed by Dimension Technology. With the advantages of

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Purchase Fiber Optic Inspection Tools Online

Buy fiber optic inspection equipment and tools from Cables Plus USA. Our fiber optic inspector tools offer networking installers many choices of endface inspectors and probes including single/multi-fiber

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introduction to fiber optic inspection tools and their uses

Fiber optic microscopes are used to examine fiber optic connectors, patch panels, and splices. they come in various types, such as handheld and desktop models. endface scopes are used to inspect

Aug 25, 2025

Optical Fiber Endface Inspection-Optical Fiber Endface Inspection ...

Fiber Optic Inspection The optical fiber end face detector uses a 3.5-inch display screen to enlarge the optical fiber end face image by 400 times. The optical fiber end face detector introduced by JILONG

Mar 19, 2026

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

Nov 25, 2025

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

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Optical Connector End Face Inspection Machine Series | Optical ...

The optical connector end face inspection machine series is a fiber end face inspection device that can easily observe dirt on the end faces of optical connectors and transceivers.

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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.

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Optical Fiber End Face Inspection and Automatic Analysis-DIMENSION

Attenuators, Optical Switches, Light Sources, and Power Meters EasyCheck V2 Digital Fiber Endface Inspector EasyCheck Dual Magnification Fiber Endface Inspector SmartCheck Intelligent Fiber

Sep 21, 2025

Visual Scratch-Defect Fiber End Face Inspection System

Visual end face inspection occurs between each polishing step of a fiber optic cable manufacturing process. With a 450 nm LED to illuminate the fiber end face, the VSD500 system provides clear

Aug 22, 2025

Optical Fiber Microscopes GAO's optical fiber microscopes are

Optical Fiber Microscopes GAO's optical fiber microscopes are devices used to inspect and evaluate the quality of optical fiber connectors and end faces. Our optical fiber microscope typically consists of a

Feb 15, 2026

Interferometric End Face Inspection

Interferometric end face inspection is a non-destructive and non-contact technique to inspect the optical fiber's end face, ensuring the quality and reliability of optical

Dec 06, 2025

SUN-EC-A Fiber End face Inspector

SUN-EC-A series of fiber end-face inspector has clear images and a long lifetime. It has different kinds of adaptors for a wide variety of connectors. It is easy to

Jul 20, 2025

Automated Fiber Inspection Scope | Kingfisher International

This full function fiber inspection scope 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

Sep 05, 2025

Fiber Endface Inspection - connectors, bare fiber ends,

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

Jun 20, 2026

Optical Module End Face Inspection-DIMENSION

EasyCheck V2 Digital Fiber Endface Inspector EasyCheck Dual Magnification Fiber Endface Inspector SmartCheck Intelligent Fiber Endface Inspector Fastcheck PRO Fully Automatic Fiber Endface

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