

Fiber Optic Splice End Face Inspector



Overview

High precision interferometers for checking the end face quality of cleaved optical fibers and for cleave process optimization. The VSD500 Visual Scratch and Defect Detection System enables users to examine the end face of fiber connectors for permanent defects (such as scratches, cracks, and pits) and transient defects such as contaminants (dirt, oils, water, and cleaning solvent residues), complementing the. Dimenu0002sion Technology has launched a new FastCheck MT Fully Fiber Endface Inspector, which is designed for multi-core optical modules and high-density connectors. This fiber optic inspection scope provides automated PASS/FAIL certification take the guess work out of. Thorlabs' Fiber End Face Inspection Systems include a Fiber Cleave Analyzer that performs interferometric measurements on bare fiber and a Visual Scratch & Defect Inspection System to examine the end face of fiber connectors. Ideal for use in production settings and when working with difficult to cleave fibers.



Article Content

Jul 06, 2025

Fiber Endface Inspection – connectors, bare fiber ends,

Nyfors offers high precision interferometers for checking the end face quality of cleaved optical fibers and for cleave process optimization. They show crisp and

Aug 23, 2025

Fiber Fusion Splicers & Processing Equipment

We offer a fiber cleave analyzer for interferometric measurements of bare fiber. Our visual inspection system and scanning white-light interferometers (SWLI) enable

Nov 21, 2025

FiberInspector from Fluke Networks

FI-7000 FiberInspector Pro from Fluke Networks is a fibre optic inspection scope to inspect and certify fibre optic connector end-faces in 2 seconds!

Mar 16, 2026

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

Jun 26, 2025

On-Site Fiber Optic End Face Inspection and Cleaning-DIMENSION

AutoGet MT Fiber Endface Inspector Its large-field-of-view (FOV) design ensures full-core coverage in a single scan, while ultra-high-resolution optics accurately detect micron-level defects. Powered by AI

Aug 03, 2025

Why Fibre Optic End Face Inspection Matters | Leader

Fibre optic cables are the information super highways of the modern world, transmitting data at incredible speeds using light. But even the most

Apr 22, 2026

Optical End Face Inspection Guidelines

This increased deployment of optical fiber networks, and the need for reliable high bandwidth makes the simple task of checking and inspecting connector end-faces a crucial process that must not be

Apr 12, 2026

FI-7000 FiberInspector Pro Fiber Optic Inspection Scope

The FI-7000 FiberInspector Pro is a fiber optic inspection scope that allows you to inspect and certify fiber optic connector end-faces in 1

Mar 15, 2026

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

It is used for high-precision inspection of fiber connector end faces in labs, production lines, and field maintenance, ensuring polishing quality and cleanliness.

Jun 20, 2026

FI-7000 FIBER INSPECTOR PRO | AWS Distribution

The FI-7000 FiberInspector Pro is a fiber optic inspection scope that allows you to inspect and certify fiber optic connector end-faces in 1 seconds so you can get

Jul 15, 2025

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

Dec 03, 2025

AutoCheck Intelligent Integrated Fiber End-face Visual

AutoCheck uses customized criteria for fiber end-face inspection. The latest IEC standard is configured as the default criteria. The fiber end-face inspection is

Jan 31, 2026

Fast Check MT Fully Fiber Endface Inspector

It adopts a large-field camera and high-precision optical system to realize one-time full-end face imaging and detection of multi-core connector end faces, and integrates fully automatic intelligent detection

Jan 10, 2026

FI-500 FiberInspector™ Micro Fiber Optic Scope Camera

The Fluke Networks FI-500 FiberInspector™ Micro Fiber Optic Scope Camera verifies that fiber end faces are clean, uncontaminated, and undamaged.

May 05, 2026

FL-400G Fiber Endface Inspector, 400X for MPO, FC, SC, LC, ST

The FL-400G Fiber Endface Inspector is a high-precision microscope system designed for inspecting the endface quality of fiber optic connectors. Equipped with a 10-inch HD monitor, it delivers clear,

Mar 09, 2026

Fiber Inspection. Fiber Optic Inspection Scope and Probe

Fiber Optic Inspection Fiber Inspection is the practice of viewing the end face of a fiber optic connector by use of an optical microscope. The primary reason for fiber

Aug 23, 2025

Fiber Optic Inspector, Fiber Endface Probe, MPO MTP Fiber Endface ...

Fiber Optic Inspection products are important for network technicians and other personnel to safely inspect fiber end-faces for contamination and verify the effectiveness of fiber cleaning procedures.

Jan 02, 2026

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

May 23, 2026

Desktop End Face Inspector-DIMENSION

Desktop End Face Inspector- High-Speed Optical Module R& D and Manufacturing Optical Passive Components R& D and Manufacturing Optical Connector R& D and Manufacturing Optical

Aug 29, 2025

SmartCheck Intelligent Fiber Endface Inspector

SmartCheck features automatic analysis, automatic focusing, automatic fiber switching, and automatic determination of fiber end faces, making the testing of

Aug 28, 2025

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

Jan 19, 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

Nov 13, 2025

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

Feb 03, 2026

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 & Defect Inspection System to

Nov 19, 2025

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

Jan 28, 2026

CT-114 CT-115 and CT-116 Fiber Cleavers

Fujikura CT-114, CT-115, CT-116 Fiber Cleavers, features high-quality, large diameter optical fiber cleavers, built to achieve low cleave angles with pristine

May 18, 2026

Integrated End Face Inspector for LC/Sc/FC/St/MPO/MTP Fiber

As a professional manufacturer of passive fiber optic products, we are focused on producing Optic Fiber Cables, Fiber Optic Connectors, Patch Cords, Adapters, Attenuators, Fiber Optic Splitters,

Aug 26, 2025

FI-7000 FiberInspector Pro

Product Overview: FI-7000 FiberInspector Pro FI-7000 FiberInspector Pro Fiber optic connector end-face contamination is a leading cause of fiber failures. Dirt and

Jun 19, 2026

End Face Inspection Archives

High precision interferometers for checking the end face quality of cleaved optical fibers and for cleave process optimization. Crisp and clear fringe patterns and

Contact Us

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