Fiber Optic End-Face Inspection Instrument Integrated Machine



Overview

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) . 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) . 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 environments. With support for a broad range of ferrule types—including single-core, multi-core, MPO/MTP, SMA-905, and even plastic optical. Optical fiber end-face inspection and cleaning are important steps to ensure the quality of optical fiber communication. 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. AutoCheck is the first intelligent integrated fiber end-face inspector developed by Dimension Technology. The fiber end-face. 8" Fiber endface inspector enables both large magnifications to detect small defects and small magnifications to examine entire areas to improve.

© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved

Article Content

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

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 environments.

Endface Inspection-DIMENSION

Dimension can provide a full range of fiber end-face inspection and cleaning solutions to effectively improve product quality and reliability. Dimension is committed to creating a series of optical fiber

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

AC400 Autocheck Integrated Inspector Endface

EC400 is a AutoCheck Integrated Fiber End-face Inspector, integrated design to save space, more convenient operation, more complete functions, digital

MU8501 Integrated Fiber Optic End Face Detector

MU8501 is a one-piece optical fiber end face detector, using coaxial optical magnif_x0002_ication system and high- definition 8-inch black and white LCD screen, and with precision resolution sensor

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

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

Endface Inspection-DIMENSION

Endface Inspection- Dimension is committed to creating a series of optical fiber end-face defect inspection products. For the fiber optic manufacturing and

Optical Fiber End Face Inspection and Automatic Analysis-DIMENSION

© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved

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

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

IdeaOptics C-Mount Fiber Optic Adapter with Collimating Lens

Overview The IdeaOptics C-Mount Fiber Optic Adapter with Collimating Lens is an engineered optical interface component designed to enable precise, low-loss light coupling between standard SMA905

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

Integrated End Face Inspector for LC/Sc/FC/St/MPO/MTP Fiber Connectors, Find Details and Price about End Face Inspector Fiber Endface Detector from Integrated End Face Inspector for

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

Integrated MPO and Patch Cord Endface Detector Inspection Machine ...

The Holightoptic HTO7000B Integrated Fiber EndFace Inspection Machine is a high-performance desktop device for inspecting fiber optic connector endfaces. It detects blemishes, scratches,

Fiber Instruments-Laser Instrument-Sintec Optronics

Tips Option for Fiber End-face Probes 2. Integrated Fiber End-face Inspector Our inspector is an integrated fiber endface inspector and it combines

Fast Check MT Fully Fiber Endface Inspector

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

SmartCheck Intelligent Fiber Endface Inspector

© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved

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

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: https://kenhardtprimary.co.za
Technical inquiry: https://kenhardtprimary.co.za/project-desk.html
African project coordination: Century City, Cape Town, Western Cape, South Africa

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved