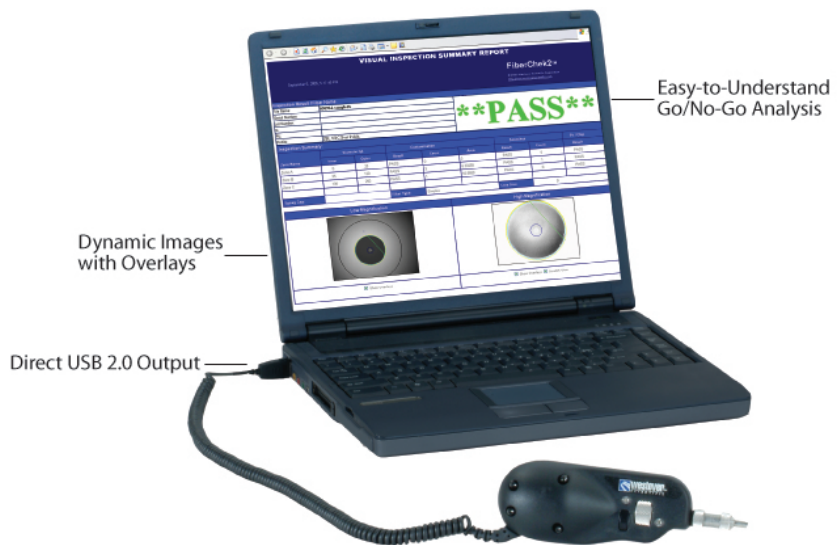




FiberChek2 Probe

Integrated Image Analysis Software and Digital Probes for Industry Leading Pass/Fail Grading



The FBP-P5000 is a probe microscope designed with a USB 2.0 interface, enabling visual fiber inspection with a personal computer. The form factor is similar to other FBP series probes, and offers the same rugged construction and remarkable selection of tips.

The camera hardware has been purpose built in conjunction with the FiberChek2(tm) software that drives the probe. This easy to use probe can quickly find and focus a fiber image. Once found, a single click of the Quick Capture button (on the probe) triggers a series of sub-second actions resulting in a complete analysis of the fiber end face and a pass/fail result.

Upon triggering the Quick Capture button, the system uses the large-format digital sensor to search a wide area and find the glass fiber. Once found, it captures a full resolution image in a smaller area that is centered exactly on the fiber. The low magnification image is analyzed separately from the high magnification image to provide exacting examination on and near the glass fiber while still evaluating a wider area for larger debris and damage. These images are stitched together and compared to pass/fail criteria to provide a non-subjective grading of the image. All of this happens in less than a second.

Automating the analysis and removing subjectivity is a critical issue in our industry



The FBP-P5000 Digital Probe Microscope

Westover Scientific Inc.

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today. Stories of well-meaning technicians trying to troubleshoot networks with little experience in using microscopes have driven managers to seek a go/no-go tool that is cost effective, repeatable, and useful.

FiberChek2 and the FBP-P5000 deliver the solution the industry needs. It is garnering attention in every type of application and every type of user. Call us today to schedule a free demonstration of this product.



FBP Specifications

Weight	Low Mag FOV	High Mag FOV	Cable	Certifications
0.11kg	620 Microns	320 Microns	USB 2.0 Coil Cable	CE

Order Information

Part	Description
FBP-P5000	Digital Inspection Probe, USB 2.0, Incl. FiberChek2 S/W

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