

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

JDSU

JDSU FBP-P500 Video inspection QuickCapture probe microscope, NTSC, 200/400X, 6-pin out w/ USB

The JDSU FBP-P500 is a video inspection probe microscope designed for quick capture of fiber optic connector end-faces. It features an NTSC video output, 200/400X magnification, a 6-pin connector, and USB connectivity for image transfer and power.



MODEL

JDSU FBP-P500

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FBP-P500

LISTING

<https://aumictechlabs.com/products/fbp-p500-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDSU FBP-P500 is a handheld video inspection probe microscope designed for rapid capture and analysis of fiber optic connector end-faces. It delivers dual magnification modes and NTSC analog video output, enabling technicians to verify cleanliness and integrity of fiber connections in field and laboratory settings. The probe integrates LED illumination, USB connectivity for image transfer and power delivery, and a 6-pin interface for direct connector engagement. Technical Specifications Model: FBP-P500 Type: Video Inspection Probe Microscope Magnification: 200X and 400X Video Output: NTSC Connectivity: 6-pin probe connector, USB Power Source: USB Illumination: Integrated LED Key Features Dual magnification (200X / 400X) for detailed end-face analysis NTSC analog video output compatible with standard monitors and recording devices USB

interface for direct computer connection and image acquisition LED illumination integrated into probe head Handheld ergonomic design for sustained inspection work QuickCapture functionality for efficient documentation workflows Typical Applications Fiber optic connector end-face cleanliness verification Network installation and maintenance quality assurance Contamination and damage identification prior to connection Laboratory inspection and research applications Field troubleshooting of optical network performance issues Compatibility & Integration NTSC video monitors and recording equipment USB-connected computers for image management and analysis Multiple fiber optic connector types (adapter compatibility varies by connector geometry)

Features & description

From manufacturer datasheet

Features

- QuickCapture image button on probe - Dual magnification 200/400X NTSC - 6-pin Hirose with USB on probe - Barrel assembly included - Coaxial blue LED; in-probe focus and mag control - Interchangeable FBPT precision tips (250+ ecosystem) - Compatible with JDSU HP/HD class displays and USB converters - Cord length about 240 cm (family manuals)

FBPP500 Characteristics / Specifications

PARAMETER	VALUE
Technical Specifications Model	FBP-P500 Manufacturer: JDSU (Westover) Instrument Type: Fiber inspection probe microscope (QuickCapture with USB) Alias: FBP-P500; JDSU FBP-P500; Westover FBP-P500 Optical magnification: 200/400X dual Video format: NTSC Output connector: 6-pin Hirose USB on probe: yes QuickCapture button: yes Barrel assembly included: yes Camera: 1/3-in CMOS Light source: blue LED, internal LED life: 100000+ hours
Lighting technique	coaxial Focus control: adjustable, in-probe Power source: display device / USB port (configuration-dependent) Horizontal FOV at 200X: 550 um Horizontal FOV at 400X: 350 um Dimensions: 46 × 43 × 140 mm (1.8 × 1.7 × 5.5 in) Weight: 180 g (6.35 oz) Cord length class: about 240 cm (family manuals) Warranty class: 1 year (family datasheet)
Tip ecosystem	FBPT precision tips / RibbonDrive Magnification control: dual in-probe Connector family: 6-pin Hirose QuickCapture with USB Notes Specs from JDSU FBP Probe Microscope data sheet ordering row FBP-P500 (NTSC, 200/400X, 6-pin out w/ USB). Confirm included FBPT tips and display/USB cable on the unit.

Technical Specifications

PARAMETER	VALUE
Model	FBP-P500
Manufacturer	JDSU (Westover)
Instrument Type	Fiber inspection probe microscope (QuickCapture with USB)
Alias	FBP-P500; JDSU FBP-P500; Westover FBP-P500
Optical magnification	200/400X dual
Video format	NTSC
Output connector	6-pin Hirose
USB on probe	yes
QuickCapture button	yes
Barrel assembly included	yes
Camera	1/3-in CMOS
Light source	blue LED, internal
LED life	100000+ hours
Lighting technique	coaxial
Focus control	adjustable, in-probe
Power source	display device / USB port (configuration-dependent)
Horizontal FOV at 200X	550 um
Horizontal FOV at 400X	350 um
Dimensions	46 × 43 × 140 mm (1.8 × 1.7 × 5.5 in)
Weight	180 g (6.35 oz)
Cord length class	about 240 cm (family manuals)

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications Model: FBP-P500 Manufacturer: JDSU (Westover) Instrument Type: Fiber inspection probe microscope (QuickCapture with USB) Alias: FBP-P500; JDSU FBP-P500; Westover FBP-P500 Optical magnification: 200/400X dual Video format: NTSC Output connector: 6-pin Hirose USB on probe: yes QuickCapture button: yes Barrel assembly included: yes Camera: 1/3-in CMOS Light source: blue LED, internal LED life: 100000+ hours Lighting technique: coaxial Focus control: adjustable, in-probe Power source: display device / USB port (configuration-dependent) Horizontal FOV at 200X: 550 um Horizontal FOV at 400X: 350 um Dimensions: 46 x 43 x 140 mm (1.8 x 1.7 x 5.5 in) Weight: 180 g (6.35 oz) Cord length class: about 240 cm (family manuals) Warranty class: 1 year (family datasheet) Tip ecosystem: FBPT precision tips / RibbonDrive Magnification control: dual in-probe Connector family: 6-pin Hirose QuickCapture with USB Notes Specs from JDSU FBP Probe Microscope data sheet ordering row FBP-P500 (NTSC, 200/400X, 6-pin out w/ USB). Confirm included FBPT tips and display/USB cable on the unit.

Technical Specifications

PARAMETER	VALUE
Model	FBP-P500
Manufacturer	JDSU (Westover)
Instrument Type	Fiber inspection probe microscope (QuickCapture with USB)
Alias	FBP-P500; JDSU FBP-P500; Westover FBP-P500
Optical magnification	200/400X dual
Video format	NTSC
Output connector	6-pin Hirose
USB on probe	yes
QuickCapture button	yes
Barrel assembly included	yes
Camera	1/3-in CMOS
Light source	blue LED, internal
LED life	100000+ hours
Lighting technique	coaxial
Focus control	adjustable, in-probe
Power source	display device / USB port (configuration-dependent)
Horizontal FOV at 200X	550 um
Horizontal FOV at 400X	350 um
Dimensions	46 x 43 x 140 mm (1.8 x 1.7 x 5.5 in)
Weight	180 g (6.35 oz)

PARAMETER

VALUE

Cord length class

about 240 cm (family manuals)

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.