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Data Sheet

August 12, 2026

JDSU

JDSU HP3-60-P4 Fiber Inspection Handheld Fiberscope HP3 60 Microscope

The JDSU HP3-60-P4 is a handheld fiberscope that combines fiber optic connector inspection with optical power measurement in a single integrated platform. Field technicians and installers use this device to inspect fiber end faces, measure optical power across multiple wavelengths, and verify signal attenuation - eliminating the need for separate inspection and test instruments and reducing overall inspection cycle time. Aumictech offers NIST-traceable calibration and repair for the JDSU/HP HP3-60-P4. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1-3 business days after receipt. This JDSU/HP HP3-60-P4 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units. NIST-traceable calibration for the JDSU/HP HP3-60-P4 is (standard — pass/fail certificate



MODEL

JDSU HP3-60-P4

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

HP3-60-P4

LISTING

<https://aumictechlabs.com/products/hp3-60-p4-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDSU HP3-60-P4 is a handheld fiberscope that combines fiber optic connector inspection with optical power measurement in a single integrated platform. Field technicians and installers use this device to inspect fiber end faces, measure optical power across multiple wavelengths,

and verify signal attenuation - eliminating the need for separate inspection and test instruments and reducing overall inspection cycle time.

Technical Specifications

Display & Magnification 1.8-inch TFT LCD screen delivers clear, detailed images of fiber end faces Optical magnification: 200X, 400X, or 200/400X (dual-magnification probes) Horizontal field-of-view: 550 μm @ 200X; 350 μm @ 400X

Fiber Inspection Integrated patch cord microscope (PCM) eliminates probe tip changes Inspects both bulkhead (female) and patch cord (male) connector sides Supports single-mode and multimode fiber across LAN, Telecom, CATV, and DWDM applications Compatible with JDSU FMAE adapters for multiple connector types

Optical Power Measurement Measures optical power and attenuation in dBm and dB Pre-calibrated wavelengths: 850, 980, 1300, 1310, 1490, 1550, and 1625 nm Supports dual-wavelength measurements with saved reference levels (e.g., 850/1300 nm, 1310/1550 nm) Automatic wavelength detection when paired with JDSU light source

Modulation frequency detection capability Input range: -50 to +5 dBm; maximum permitted input: +10 dBm Linearity: ± 0.06 dB across measurement range

Interfaces & Connectivity 4-pin Hirose input for FBP series probe microscopes Universal Push-Pull (UPP) input for 2.5 mm connectors (1.25 mm adapter available for LC and MU connectors)

Power & Operational Six AA alkaline batteries or AC adapter (100–240 VAC / 9V DC / 500 mA) Continuous runtime: approximately 3 hours Auto-shutoff: 20 minutes Low battery warning indicator Three-button operation; hanging hook for hands-free use

Physical Dimensions: 162 × 114 × 42 mm (6.4 × 4.5 × 1.7 in) **Weight:** 333 g (11.7 oz) with six AA alkaline batteries

Features & description

From manufacturer datasheet

Features

- Integrated 400X patch cord microscope (no tip change for male ends)
- Dedicated FBP 4-pin probe input for bulkhead inspection
- I/II view switch between PCM and probe
- Three-button power-meter operation (power, wavelength, dB/dBm)
- Auto-wavelength detection when used with JDSU OLS sources
- Modulation-frequency fiber identification with JDSU light sources
- Universal Push-Pull adapters for 2.5 mm and 1.25 mm connectors
- Auto-shutoff after inactivity or continuous ON mode
- Three-year power-meter calibration period (OEM literature)

Applications

- Inspect both sides of a fiber interconnect (PCM + probe)
- Measure optical power and attenuation with a JDSU light source
- Identify fibers via modulation tone detection
- LAN, telecom, CATV, and DWDM field inspect-and-test workflows

HP360P4 Characteristics / Specifications

PARAMETER	VALUE
Model	HP3-60-P4
Manufacturer	JDSU / HP
Instrument Type	Fiber Inspection and Optical Power Test System
Alias	HP3-60-P4; FIT-HP3-60-P4; JDSU HP3-60-P4
Dimensions	162 × 114 × 42 mm
Weight with 6 AA	352 g
Video display	50.8 mm (2.0 in) TFT LCD
Probe connector	4-pin Hirose for FBP probes
PCM magnification	400X
Horizontal FOV at 200X	550 um
Horizontal FOV at 400X	350 um
Power source	100-240 VAC adapter / 12 V DC; 6 AA or rechargeable pack
Display run time continuous	~5.5 hours
Power meter display range	-65 to +10 dBm
Max permitted optical input	+10 dBm
Standard wavelengths	850, 980, 1300, 1310, 1490, 1550, 1625 nm
Wavelength range	780 to 1650 nm
Intrinsic uncertainty	+/-0.20 dB (+/-5%) at ref conditions
Modulation tones	270 Hz, 330 Hz, 1 kHz, 2 kHz
Power range 1300/1310/1490/1550/1625 with modulation	-50 to +10 dBm
Power range 850/980 with modulation	-45 to +10 dBm
Power meter run time continuous	~180 hours
Result display	dBm, dB
Resolution	0.01 dB
Optical interface	UPP 2.5 mm; UPP 1.25 mm adapter sold separately

PARAMETER	VALUE
Connectable fiber	9/125 to 100/140 um
Warranty	1 year
Ref conditions	-20 dBm CW, 1300 nm +/-1 nm, 23 C +/-3 K, 45-75% RH, 9-50 um fiber
Attenuation	with a JDSU light source - Identify fibers via modulation tone detection - LAN, telecom, CATV, and DWDM field inspect-and-test workflows

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	
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PARAMETER	VALUE
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Manufacturer	JDSU / HP
Instrument Type	Fiber Inspection and Optical Power Test System
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PCM magnification	400X
Horizontal FOV at 200X	550 um
Horizontal FOV at 400X	350 um
Power source	100-240 VAC adapter / 12 V DC; 6 AA or rechargeable pack
Display run time continuous	~5.5 hours
Auto-shutoff: 5 minutes inactivity	
Specifications	
PARAMETER	VALUE
Power meter display range	-65 to +10 dBm
Max permitted optical input	+10 dBm
Standard wavelengths	850, 980, 1300, 1310, 1490, 1550, 1625 nm
Wavelength range	780 to 1650 nm
Intrinsic uncertainty	+/-0.20 dB (+/-5%) at ref conditions
Linearity -50 to +5 dBm: +/-0.06 dB	
Specifications	

PARAMETER	VALUE
Modulation tones	270 Hz, 330 Hz, 1 kHz, 2 kHz
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Optical interface	UPP 2.5 mm; UPP 1.25 mm adapter sold separately
Connectable fiber	9/125 to 100/140 um

Warranty: 1 year

Ref conditions: -20 dBm CW, 1300 nm +/-1 nm, 23 C +/-3 K, 45-75% RH, 9-50 um fiber

Ordering Information

Option FIT-HP3-60-P4: Handheld with power meter and 400X PCM

Option FIT-S105: Dual-mag FBP probe kit + HP3-60-P4 + case

Option FITP-RBP1: Rechargeable battery pack for HP3

Notes

Specs from JDSU HP3 Series Fiber Inspection and Test System data sheet (HP3-60-P4 columns). Confirm included FMAE adapters and FBP probe on the listing.

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
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<https://aumictechlabs.com>

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