

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

FUJIKURA

Fujikura FSM-40PM Polarization Maintaining PM Fiber Fusion Splicer

The Fujikura FSM-40PM is a polarization-maintaining (PM) fiber fusion splicer designed for splicing PM fibers with high accuracy and minimal loss. It features advanced alignment and splicing techniques to ensure optimal performance in PM fiber applications. Ideal for research, development, and production environments.



MODEL

Fujikura FSM-40PM

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FSM-40PM

LISTING

<https://aumictechlabs.com/products/fsm-40pm-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fujikura FSM-40PM Polarization Maintaining Fiber Fusion Splicer is engineered for precision splicing of PM fibers. It incorporates sophisticated alignment mechanisms and splicing algorithms to achieve low insertion loss and high polarization extinction ratios. This splicer is suitable for various PM fiber types and offers user-friendly operation with its intuitive interface and automated functions. It is widely used in optical communication systems, fiber optic sensors, and other applications where maintaining polarization is critical.

Features & description

From manufacturer datasheet

Fujikura FSM-40PM — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Fujikura FSM-40PM. Calibration covers arc calibration (arc power and duration), V-groove alignment verification, cleave angle detection accuracy, splice loss estimation accuracy, and heating oven temperature calibration. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values Common Fujikura FSM-40PM faults: electrode wear, V-groove contamination or chipping, motor alignment drift, high arc voltage errors. Common repairs include electrode replacement (typically every 2,000–3,000 arcs), V-groove cleaning or replacement, motor and actuator alignment, and camera/CCD replacement. Fujikura FSM and Sumitomo Type series parts are stocked. [Request Calibration](#) → [Request Repair Quote](#) →

Fujikura FSM-40PM price

This Fujikura FSM-40PM is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Fujikura FSM-40PM calibration cost

NIST-traceable calibration for the Fujikura FSM-40PM is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Calibration for this instrument covers arc calibration (arc power and duration), V-groove alignment verification, cleave angle detection accuracy, splice loss estimation accuracy, and heating oven temperature calibration. Turnaround is 1 to 3 business days after receipt. [See full calibration details](#) →

Need repair or calibration?

We also repair the Fujikura FSM-40PM. Flat-rate estimate, 1–3 day turnaround. [Fujikura FSM-40PM repair](#) →

Unit notes

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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.

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