

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

FUJIKURA

Fujikura CT-07BS High Precision Fiber Optic Cleaver

The Fujikura CT-07BS is a high-precision fiber optic cleaver designed for single-fiber cleaving. It features a rotating blade for long life and consistent performance. Ideal for field use and optical component manufacturing.



MODEL Fujikura CT-07BS	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU CT-07BS	LISTING https://aumictechlabs.com/products/ct-07bs-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fujikura CT-07BS is a high-precision fiber optic cleaver engineered for single-fiber cleaving applications in field and manufacturing environments. It delivers accurate, consistent cleaves essential for high-quality fiber splicing and termination through a rotating blade mechanism that extends tool life and maintains performance across thousands of cleaving cycles. Technical Specifications Applicable Fiber: Conventional silica optical fiber, 125 μ m cladding diameter Fiber Coating Diameter: Guide A: 0.25 mm; Guide B: 0.9 mm Cleaved Length: Guide A: 6–20 mm; Guide B: 10–20 mm Blade Positions: 12 rotational positions Blade Height Position: 1 fixed position Total Cleaves per Blade: 12,000 Fiber Count: Single fiber Dimensions: Approximately 90 mm $\times$ 55 mm $\times$ 55 mm Weight: Approximately 500 g Key Features Rotating blade mechanism with 12 active positions enables extended blade life and consistent cleave quality Dual guide system

accommodates coating diameters from 0.25 mm to 0.9 mm for flexible fiber handling Single-fiber cleaving architecture ensures precision on individual optical fibers Rugged, self-contained design minimizes operator-skill dependency Compact footprint suitable for field deployment and integration into production workflows Typical Applications Fiber splicing preparation Fiber termination and connector assembly Optical component manufacturing Field service and installation Compatibility & Integration The CT-07BS is based on the CT-04B platform and accepts the AD-07 adapter plate for system configuration. Replacement blades are available for both CT-04 and CT-07 series models, ensuring long-term serviceability.

Features & description

From manufacturer datasheet

Technical Specifications

Applicable Fiber: Conventional silica optical fiber, 125 µm cladding diameter Fiber Coating Diameter: Guide A: 0.25 mm; Guide B: 0.9 mm Cleaved Length: Guide A: 6–20 mm; Guide B: 10–20 mm Blade Positions: 12 rotational positions Blade Height Position: 1 fixed position Total Cleaves per Blade: 12,000 Fiber Count: Single fiber Dimensions: Approximately 90 mm × 55 mm × 55 mm Weight: Approximately 500 g

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Fujikura CT-07BS — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Fujikura CT-07BS. All calibrations are performed to NIST-traceable standards and ship with a 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 Request Calibration → Request Repair Quote →

Fujikura CT-07BS price

This Fujikura CT-07BS is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Fujikura CT-07BS calibration cost

NIST-traceable calibration for the Fujikura CT-07BS is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

Applications

Fiber splicing preparation Fiber termination and connector assembly Optical component manufacturing Field service and installation

Unit notes

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Key Features

- Rotating blade mechanism with 12 active positions enables extended blade life and consistent cleave quality
- Dual guide system accommodates coating diameters from 0.25 mm to 0.9 mm for flexible fiber handling
- Single-fiber cleaving architecture ensures precision on individual optical fibers
- Rugged, self-contained design minimizes operator-skill dependency
- Compact footprint suitable for field deployment and integration into production workflows

Typical Applications

- Fiber splicing preparation
- Fiber termination and connector assembly
- Optical component manufacturing
- Field service and installation

Compatibility & Integration

The CT-07BS is based on the CT-04B platform and accepts the A

CT-07BS Specifications

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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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[Request Calibration](#) → [Request Repair Quote](#) →

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Applications

Fiber splicing preparation

Fiber termination and connector assembly

Optical component manufacturing

Field service and installation

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

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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.