

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

FUJIKURA

Fujikura CT-03 High Precision Fiber Optic Cleaver

The Fujikura CT-03 is a high-precision fiber optic cleaver designed for optimal cleaving performance in the field or lab. It features a rotating blade for long life and consistent cleaves, and is compatible with single fibers. This cleaver is known for its reliability and ease of use, making it a staple in fiber optic termination.



MODEL

Fujikura CT-03

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

CT-03

LISTING

<https://aumictechlabs.com/products/ct-03-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fujikura CT-03 High Precision Fiber Optic Cleaver delivers consistent, low-loss cleaves for single-mode and multi-mode optical fibers in field and laboratory environments. Built as a rugged, self-contained unit, it minimizes splice loss through precision cleaving and features a rotating circular blade mechanism that extends blade life while maintaining performance repeatability across operator skill levels. Technical Specifications Applicable Fiber: Conventional silica optical fiber, 125 μ m bare diameter Coating Diameter Compatibility: 250 μ m, 900 μ m, and 0.25–0.9 mm over 125 μ m bare fiber Cleaved Length: 16 mm Fibers per Cycle: 1 V-Grooves: Two grooves accommodate variable coated fiber diameters Blade Life: Exceeds 24,000 cleaves per circular blade; 12,000 total cleaves per blade Blade Positions: 12 positions with 3 height positions and 16 rotating positions Splice Loss Performance: Less than 0.5 dB Key Features Rotating circular blade design for extended operational life and consistent cleave quality Dual V-groove system supports both standard 250 μ m and 900 μ m coated fibers, plus custom diameters from 0.25–0.9 mm

Engineered for reliable performance across single-mode and multi-mode fiber types Exceptional ease of use - delivers excellent results independent of operator experience Compact form factor suitable for mobile and bench-top deployment Typical Applications Field installation and splicing operations Laboratory fiber preparation and characterization Splice loss minimization in both SM and MM networks High-volume cleaving where blade longevity reduces consumable costs Compatibility & Integration The CT-03 accepts Fujikura CT-03/04/07/100 blade cartridges. The unit integrates with the AD-03 adapter plate and operates within the broader CT-04B modular platform where applicable, enabling flexible system configurations for diverse fiber management workflows.

Features & description

From manufacturer datasheet

Technical Specifications

Applicable Fiber: Conventional silica optical fiber, 125 µm bare diameter Coating Diameter
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Fujikura CT-03 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Fujikura CT-03. 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-03 price

This Fujikura CT-03 is listed at . Calibration is available separately from . Contact us for volume pricing
or if you need multiple units.

Fujikura CT-03 calibration cost

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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

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Unit notes

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- Engineered for reliable performance across single-mode and multi-mode fiber types
- Exceptional ease of use - delivers excellent results independent of operator experience

Compact form factor suitable for mobile and bench-top deployment

Typical Applications

- Field installation and splicing operations
- Laboratory fiber preparation and characterization

Splice loss
m

CT-03 Specifications

PARAMETER	VALUE
Applicable Fiber	Conventional silica optical fiber, 125 μm bare diameter

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

Field installation and splicing operations

Laboratory fiber preparation and characterization

Splice loss minimization in both SM and MM networks

High-volume cleaving where blade longevity reduces consumable costs

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>

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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.