

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

FUJIKURA

Fujikura CT-07 High Precision Fiber Cleaver

The Fujikura CT-07 is a high-precision fiber cleaver designed for cleaving single optical fibers. It is suitable for use in the field or in the lab. The CT-07 offers consistent and reliable cleaves for fusion splicing and other precision applications. It features a rotating blade with multiple scoring positions, extending the blade life and reducing the cost per cleave.



MODEL

Fujikura CT-07

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

CT-07

LISTING

<https://aumictechlabs.com/products/ct-07-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fujikura CT-07 is a precision fiber cleaver engineered to deliver clean, consistent cleaves on single-mode and multi-mode optical fibers. Designed for both field and laboratory use, the CT-07 combines operator-independent performance with extended blade life through its rotating circular blade mechanism. Multiple scoring positions maximize blade utility and reduce cost per cleave, making it ideal for fusion splicing and precision terminations.

Technical Specifications

Fiber Compatibility: Single-mode and multi-mode optical fibers

V-Groove Configuration: Dual grooves - 250 μm OD coating (125 μm bare fiber) and 900 μm OD coating (125 μm bare fiber)

Blade Life: Over 24,000 cleaves per circular blade; approximately 48,000 cleaves per blade when properly installed and maintained

Cleave Length: 5–20 mm using the AD-10 fiber plate

Cleaving Angle: Approximately 0.5° for single fibers

Splice Loss: Less than 0.5 dB

Dimensions: 90 × 55 × 55 mm

Weight: Approximately 500 g

Key Features

- Rotating circular blade with multiple rotational settings for optimized scoring
- Detachable scrap collector included
- Self-contained, compact design

Operation with minimal dependency on operator skill
Typical Applications Fusion splicing preparation Precision fiber terminations Field and laboratory fiber preparation
Compatibility & Integration The CT-07 is compatible with fiber holders such as the AD-10 fiber plate for flexible cleave length configuration.

Features & description

From manufacturer datasheet

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Fujikura CT-07 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Fujikura CT-07. 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-07 price

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

Fujikura CT-07 calibration cost

NIST-traceable calibration for the Fujikura CT-07 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

Fusion splicing preparation Precision fiber terminations Field and laboratory fiber preparation Compatibility & Integration The CT-07 is compatible with fiber holders such as the AD-10 fiber plate for flexible cleave length configuration.

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
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.