

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

FUJIKURA

Fujikura CT-30A Optical Fiber Cleaver

The Fujikura CT-30A is a high-precision optical fiber cleaver designed for cleaving single fibers for fusion splicing. It features a rotating blade for extended life and consistent performance. This cleaver is suitable for various fiber types and is widely used in telecommunications and data centers.



MODEL

Fujikura CT-30A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

CT-30A

LISTING

<https://aumictechlabs.com/products/ct-30a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fujikura CT-30A is a precision optical fiber cleaver engineered for single-fiber preparation in fusion splicing workflows. It produces clean, consistent cleaves on conventional silica fibers with angles typically under 0.5°, critical for minimizing signal loss in telecommunications and data center installations. The CT-30A operates via automatic knife movement on any flat surface and handles coating diameters from 250 µm to 900 µm, making it adaptable to standard fiber geometries.

Technical Specifications

Fiber Specifications

Applicable fiber type: Conventional silica optical fiber

Single fiber operation

Bare fiber diameter: 125 µm

Cladding diameter: 125 µm

Coating diameter compatibility: 250 µm to 900 µm

Cleaving Performance

Cleaving length: 6 to 20 mm (adjustable via graduated scale on single fiber, 250 µm coating)

Cleave angle: Typically < 0.5°, with 0.5° capability for single fiber

Blade type: High strength steel, rotating circular blade

Blade positions: 16 rotating positions

Blade height adjustment: 3 height settings

Total blade life: 48,000 cleaves (1,000 cleaves per position × 16 positions × 3 height settings)

Physical

Characteristics Dimensions: 69 mm × 82 mm × 41 mm (2.7" × 3.2" × 1.6") Weight: 180 g (0.4 lbs)
Service life: Exceeds 10 years Key Features Automatic knife movement mechanism Operable on flat surface or weighted operation Rotating blade with 16 discrete positions extends tool life Three independent blade height positions for extended blade utilization Compatibility & Integration The CT-30A integrates with optional scrap collection accessories including the FC-02 fiber scrap collector and FDB-02 (compact) or FDB-03 (large capacity) scrap containers. Side covers SC-01 and SC-02 are available. All AFL fusion splicers are compatible with this cleaver. When equipped with FC-02 and FDB-03, total dimensions expand to 102 mm (W) × 82 mm (D) × 46 mm (H) with combined weight of 210 g.

Features & description

From manufacturer datasheet

Technical Specifications Fiber Specifications

Applicable fiber type: Conventional silica optical fiber Single fiber operation Bare fiber diameter: 125 μm Cladding diameter: 125 μm Coating diameter compatibility: 250 μm to 900 μm Cleaving Performance Cleaving length: 6 to 20 mm (adjustable via graduated scale on single fiber, 250 μm coating) Cleave angle: Typically $< 0.5^\circ$, with 0.5° capability for single fiber Blade type: High strength steel, rotating circular blade Blade positions: 16 rotating positions Blade height adjustment: 3 height settings Total blade life: 48,000 cleaves (1,000 cleaves per position $\times$ 16 positions $\times$ 3 height settings) Physical Characteristics Dimensions: 69 mm $\times$ 82 mm $\times$ 41 mm (2.7" $\times$ 3.2" $\times$ 1.6") Weight: 180 g (0.4 lbs) Service life: Exceeds 10 years

Key Features

Automatic knife movement mechanism Operable on flat surface or weighted operation Rotating blade with 16 discrete positions extends tool life Three independent blade height positions for extended blade utilization

Fujikura CT-30A — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Fujikura CT-30A. 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-30A price

This Fujikura CT-30A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Fujikura CT-30A calibration cost

NIST-traceable calibration for the Fujikura CT-30A 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 →

Unit notes

The Fujikura CT-30A is a precision optical fiber cleaver engineered for single-fiber preparation in fusion splicing workflows. It produces clean, consistent cleaves on conventional silica fibers with angles typically under 0.5° , critical for minimizing signal loss in telecommunications and data center installations. The CT-30A operates via automatic knife movement on any flat surface and handles coating diameters from 250 μm to 900 μm , making it adaptable to standard fiber geometries. Technical

Specifications Fiber Specifications Applicable fiber type: Conventional silica optical fiber Single fiber operation Bare fiber diameter: 125 μm Cladding diameter: 125 μm Coating diameter compatibility: 250 μm to 900 μm Cleaving Performance Cleaving length: 6 to 20 mm (adjustable via graduated scale on single fiber, 250 μm coating) Cleave angle: Typically $< 0.5^\circ$, with 0.5° capability for single fiber Blade type: High strength steel, rotating circular blade Blade positions: 16 rotating positions Blade height adjustment: 3 height settings Total blade life: 48,000 cleaves (1,000 cleaves per position $\times$ 16 positions $\times$ 3 height settings) Physical Characteristics Dimensions: 69 mm $\times$ 82 mm $\times$ 41 mm (2.7" $\times$ 3.2" $\times$ 1.6") Weight: 180 g (0.4 lbs) Service life: Exceeds 10 years Key Features Automatic knife movement mechanism Operable on flat surface or weighted operation Rotating blade with 16 discrete positions extends tool life Three independent blade height positions for extended blade utilization

CT-30A Specifications

PARAMETER	VALUE
Applicable fiber type	Conventional silica optical fiber
Bare fiber diameter	125 μm
Cladding diameter	125 μm

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.

The Fujikura CT-30A is a high-precision optical fiber cleaver designed for cleaving single fibers for fusion splicing. It features a rotating blade for extended life and consistent performance. This cleaver is suitable for various fiber types and is widely used in telecommunications and data centers.

The Fujikura CT-30A is a precision optical fiber cleaver engineered for single-fiber preparation in fusion splicing workflows. It produces clean, consistent cleaves on conventional silica fibers with angles typically under 0.5°, critical for minimizing signal loss in telecommunications and data center installations. The CT-30A operates via automatic knife movement on any flat surface and handles coating diameters from 250 µm to 900 µm, making it adaptable to standard fiber geometries.

Cleaving length: 6 to 20 mm (adjustable via graduated scale on single fiber, 250 µm coating)

Total blade life: 48,000 cleaves (1,000 cleaves per position × 16 positions × 3 height settings) Physical Characteristics

CT-30A Specifications

PARAMETER	VALUE
Applicable fiber type	Conventional silica optical fiber
Bare fiber diameter	125 µm
Cladding diameter	125 µm

Technical Specifications Fiber Specifications
Applicable fiber type: Conventional silica optical fiber

Single fiber operation

Bare fiber diameter: 125 µm

Cladding diameter: 125 µm

Coating diameter compatibility: 250 µm to 900 µm Cleaving Performance

Cleaving length: 6 to 20 mm (adjustable via graduated scale on single fiber, 250 µm coating)

Cleave angle: Typically < 0.5°, with 0.5° capability for single fiber

Blade type: High strength steel, rotating circular blade

Blade positions: 16 rotating positions

Blade height adjustment: 3 height settings

Total blade life: 48,000 cleaves (1,000 cleaves per position × 16 positions × 3 height settings) Physical Characteristics

Dimensions: 69 mm × 82 mm × 41 mm (2.7" × 3.2" × 1.6")

Weight: 180 g (0.4 lbs)

Service life: Exceeds 10 years

Key Features

Automatic knife movement mechanism

Operable on flat surface or weighted operation

Rotating blade with 16 discrete positions extends tool life

Three independent blade height positions for extended blade utilization

Fujikura CT-30A – Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Fujikura CT-30A. 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-30A price

This Fujikura CT-30A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Fujikura CT-30A calibration cost

NIST-traceable calibration for the Fujikura CT-30A 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 →

Unit notes

The Fujikura CT-30A is a precision optical fiber cleaver engineered for single-fiber preparation in fusion splicing workflows. It produces clean, consistent cleaves on conventional silica fibers with angles typically under 0.5°, critical for minimizing signal loss in telecommunications and data center installations. The CT-30A operates via automatic knife movement on any flat surface and handles coating diameters from 250 µm to 900 µm, making it adaptable to standard fiber geometries. Technical Specifications Fiber Specifications Applicable fiber type: Conventional silica optical fiber Single fiber operation Bare fiber diameter: 125 µm Cladding diameter: 125 µm Coating diameter compatibility: 250 µm to 900 µm Cleaving Performance Cleaving length: 6 to 20 mm (adjustable via graduated scale on single fiber, 250 µm coating) Cleave angle: Typically < 0.5°, with 0.5° capability for single fiber Blade type: High strength steel, rotating circular blade Blade positions: 16 rotating positions Blade height adjustment: 3 height settings Total blade life: 48,000 cleaves (1,000 cleaves per position × 16 positions × 3 height settings) Physical Characteristics Dimensions: 69 mm × 82 mm × 41 mm (2.7" × 3.2" × 1.6") Weight: 180 g (0.4 lbs) Service life: Exceeds 10 years Key Features Automatic knife movement mechanism Operable on flat surface or weighted operation Rotating blade with 16 discrete positions extends tool life Three independent blade height positions for extended blade utilization

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>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 12, 2026

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