

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

FUJIKURA

Fujikura CT-32 High Precision Fiber Cleaver

The Fujikura CT-32 is a precision fiber cleaver engineered to produce consistent, low-loss cleave angles in silica optical fiber. Operating on silica fibers with 125 μm cladding diameter and coating diameters from 0.25 mm to 0.9 mm, the CT-32 delivers cleave angles of typically 0.5 degrees - critical for minimizing splice loss in fusion splicing operations. The instrument integrates with Fujikura's FH-40 series fiber holders and works with use alongside FSM-45PM and FSM-45F fusion splicers. Reduced lengths of 8 mm on 900 μm jacketed fibers; 3 mm minimum on 250 μm and 400 μm coated fibers - 1 mm spacer included for specific fusion splicer compatibility Blade Life: 48,000 cleaves (1,000 cleaves per setting across 3 heights and 16 positions) Interchangeable spacers enable configuration for short-length, standard, and extended cleave profiles



MODEL

Fujikura CT-32

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

CT-32

LISTING

<https://aumictechlabs.com/products/ct-32-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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125 µm Coating Diameter: 0.25 mm to 0.9 mm (dependent on fiber holder selection) Cleave Angle: Typically 0.5 degrees Cleave Length Options: Standard lengths using SPA-40-CT-040 spacer Short lengths of 3 mm to 5 mm with HJS-02 and SPA-040-HJS-030 Reduced lengths of 8 mm on 900 µm jacketed fibers; 3 mm minimum on 250 µm and 400 µm coated fibers - 1 mm spacer included for specific fusion splicer compatibility Optional 2 mm spacer available for extended cleave length range Blade Life: 48,000 cleaves (1,000 cleaves per setting across 3 heights and 16 positions) Dimensions: 69 mm (W) × 82 mm (D) × 41 mm (H) Weight: 180 g Key Features Blade capacity rated for 48,000 cleaves with predictable wear characteristics Interchangeable spacers enable configuration for short-length, standard, and extended cleave profiles Compact footprint supports laboratory and field deployment Included fiber collector and dust box contain cleave debris Typical Applications Fiber optic installation and splicing preparation Maintenance and repair of installed fiber networks Precision cleaving for fusion splice optimization Compatibility & Integration Designed for FH-40 series fiber holder systems Compatible with Fujikura FSM-45PM and FSM-45F fusion splicers Standard package includes hexagonal wrench, fiber collector, cleaver spacer, dust box, instruction manual, and carrying case

Features & description

From manufacturer datasheet

Technical Specifications

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Compatibility & Integration

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Fujikura CT-32 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Fujikura CT-32. 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-32 price

This Fujikura CT-32 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Fujikura CT-32 calibration cost

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Applications

Unit notes

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Technical Specifications

Applicable Fibers: Silica optical fiber

Cladding Diameter: 125 µm

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- Interchangeable spacers enable configuration for short-length, standard, and extended cleave profiles
- Compact footprint supports laboratory and field deployment
- Included fiber collector and dust box contain

CT-32 Specifications

PARAMETER	VALUE
Applicable Fibers	Silica optical fiber
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Cleave Angle	Typically 0.5 degrees

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

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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.