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Data Sheet

August 12, 2026

FUJIKURA

Fujikura Specialty Fiber Stripper SS110

The SS110 is the latest specialty fiber stripper from Fujikura Ltd. The automatic stripping mechanism provides both easy operation and stable quality. Replaceable stripping blades enables the SS110 to strip various sizes of fiber, such as 125µm cladding / 900µm coating. The SS110 can read the RFID tag underneath the new stripping mechanism provides both easy operation and stable quality. Replaceable stripping blades enables the SS110 to strip various sizes of fiber, such as 125µm cladding / 900µm coating. The SS110 can read the RFID tag underneath the new FH110 fiber holder series and select proper program automatically.



MODEL

Fujikura SS110

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

SS110

LISTING

<https://aumictechlabs.com/products/ss110-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fujikura Specialty Fiber Stripper SS110 is an automatic single-fiber stripping tool that precisely removes coatings from silica optical fibers. Built for specialty fiber applications, it delivers consistent results faster and safer than manual polyimide stripping methods. RFID technology reads data from compatible FH-110 fiber holders, automatically selecting optimized stripping programs to simplify operation and enhance quality. Technical Specifications Fiber Type: Silica, single-fiber configuration Standard Cladding/Coating Diameter: 125 µm/250 µm Optional Diameter Support: 80/60 µm, 125/900 µm, 250/400 µm, 400/550 µm (requires dedicated blade) Maximum Stripping Length: 35 mm Heating Time: 1 to 60 seconds Stripping Speed: Approximately 5 to 15 mm/seconds Adjustable Heater Height: Mechanism to optimize stripping quality across

fiber coating diameters LED Display: Real-time process feedback Physical Dimensions: 140 mm (W) × 106 mm (D) × 103 mm (H) Weight: 900 g Power Input: AC 100–240 V, 50/60 Hz, max. 1.5 A Power Output: Approx. DC 19 V, max 2.1 A Key Features Replaceable stripping blades accommodate various fiber sizes Multiple mode settings for different fiber types and stripping requirements RFID interface (ISO 15693 compliant) for automated program selection USB 2.0 Mini B connection for PC integration and fiber holder management Adjustable heater height for consistent, high-quality results Grounding point via M3 truss screw Typical Applications Research and development optical institutes University photonics laboratories High-power laser systems Medical device manufacturing Photonics industry fiber processing Compatibility & Integration Fully compatible with FH-110 series fiber holders equipped with RFID tags for automatic program selection. FH-70 series holders work with appropriate adapters. PC software supports fiber holder management and configuration settings. Operating Environment: 0°C to 40°C, 0–95% RH non-condensing. Storage: –40°C to 80°C, 0–95% RH non-condensing.

SS110 Specifications

PARAMETER	VALUE
Specialty Fiber Stripper	SS110
Optional blades enable the stripping of	various sizes of fibers, such as 125μm
Wireless communication by RFID	The new RFID tag equipped in the
FH110 fiber holders communicate with	the SS100 and set the predefined
Contact us	1-5-1, Kiba, Koto-ku, Tokyo 135-8512, Japan

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.

Specifications are subject to change without notice.
SpecificationsOptions

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.