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Data Sheet

August 12, 2026

FUJIKURA

Fujikura HJS-02 Hot Jacket Stripper

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MODEL

Fujikura HJS-02

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

HJS-02

LISTING

<https://aumictechlabs.com/products/hjs-02-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fujikura HJS-02 Hot Jacket Stripper is a precision thermal tool designed for damage-free removal of optical fiber jackets from ribbon and specialty fibers. Using controlled heat application, it softens fiber coatings to enable clean stripping without compromising fiber integrity - essential for high-quality termination and splicing in both field and laboratory settings.

Technical Specifications

Applicable Fiber Count: 1 to 12 fiber ribbons
Ribbon Thickness: 250 μm to 400 μm
Coating/Cladding Diameter: 250 μm / 125 μm
Stripping Length: Maximum 35 mm
Heating Temperature: 100°C standard (temperature selection switch for field optimization)
Heating Time: Normal Mode: ~3 seconds Power Save Mode: ~8 seconds
Power Supply: 12 V DC via Fujikura splicer; optional 85–265 V AC via ADC-09 adapter
Dimensions: 107 mm (W) × 40 mm (D) × 29 mm (H)
Weight: 195 g

Key Features

- Heated element softens jacket coating for smooth, controlled stripping
- Temperature selection switch enables optimization for different fiber types
- Power Save Mode reduces energy consumption during battery operation
- Accepts multiple Fujikura fiber holder series (FH-40, FH-100, FH-50, FH-60, FH-70)
- Optional single-fiber adapter available for individual fiber stripping
- Specialty fiber compatible; HJS-02-80 variant available for 80 μm cladding diameter fibers
- Includes cleaning brush (BRS-01) and hexagonal wrench

Typical Applications

Preparation of ribbon and specialty fibers for fusion splicing and termination. Suitable for field deployment via Fujikura splicer DC power or standalone laboratory use with AC adapter.

Compatibility & Integration

Fiber Holders: FH-40, FH-100, FH-50 (except FH-50-250 and FH-50-900), FH-60, FH-70 series.

Power Connectivity: Accepts DCC-11, DCC-03, or DCC-02 DC power cords depending on splicer model. Optional ADC-09 AC adapter with ACC-09 cord for bench-top operation.

HJS Specifications

PARAMETER	VALUE
NOx sensors Installation instructions	www.hjs.com
www.hjs.com	Seite Page 2
haben.	www.hjs.com
the sensor is carried out.	www.hjs.com
Abgasfluss	Exhaust flow
Exhaust gas	www.hjs.com
NOx sensor	© HJS 2022 Stand
Last update	23.03.2022 Änderungen vorbehalten
e without notice.	27 02 9500

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	before the function check of the sensor is carried out.
Operating Temperature	before the function check of the sensor is carried out.

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.

n During training, error messages and old stored NOx values must be cleared; suitable diagnostic equipment might be required for this purpose.

n The sensor head must be tightened to 50 Nm $\pm$ 10 Nm on the exhaust line.

n The sensor must not be sprayed or treated with cleaners, oils, paints or compressed air.

n Contamination or water on the sensor head can lead to damage or electrical faults.

n The cable must be tension-free, cable and connectors must not be damaged or sharply bend.

n The NOx sensor contains a ceramic chip that can break if subjected to strong vibrations; handle the sensor carefully and never drop it.

n Clean and degrease the installation site. n Pay attention to the mounting position of the NOx sensor during installation; the correct mounting position is crucial for function and durability (see drawings).

n If there is strong carbon buildup, oil or water deposits in the exhaust, the engine and exhaust tract must be checked for other defects.

n Check for electrostatic discharge before starting to remove and install the sensor.

Installation may only be carried out by trained specialist personnel.

www.hjs.com Seite | Page 5 Error Sources & Solutions n Compare new sensor with old sensor; the OE number must be identical to ensure correct function.

n If a newer sensor model is used, based on the vehicle manufacturer's replacement recommendation, the vehicle must be updated to the latest software version beforehand.

n The sensor must be trained exactly according to the vehicle manufacturer's specifications; if training is skipped, various error messages may occur, because the vehicle cannot correctly or completely process the sensor's data.

n Before training, stored NOx values of the old sensor must be deleted.

n Check NOx sensors before and after SCR catalyst for mix-up.

n Check electrical contacts and cables for function and clean contact surfaces.

n Check the stability of the power supply. n Check the old NOx sensor; if the sensor head is blocked by carbon/dirt or the sensor has failed prematurely, or if there is a high level of carbon buildup or moisture in the exhaust, then the engine, turbocharger and exhaust system should be checked for failures.

n The engine must have reached its operating temperature before the function check of the sensor is carried out.

www.hjs.com Seite | Page 6 Zeichnungen | Drawings 9 0 °

$\pm$

15 ° 12 °

$\pm$

5 ° Neigungswinkel in Strömungsrichtung Tilt angle in gas flow direction Horizontaler Winkel Horizontal angle Abgasfluss Exhaust flow Abgasrohr, vertikal Exhaust pipe, vertical Abgas Exhaust gas

www.hjs.com Seite | Page 7 Zeichnungen | Drawings $\pm$

80 ° $\pm$

80 ° Vertikaler Neigungswinkel Tilt angle from vertical Abgasrohr Exhaust pipe Abgasrohr, horizontal Exhaust pipe, horizontal Schleifenlänge Loop length NOx-Sensor NOx sensor

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Notizen | Notes

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.