

Heat stripper for removing tail fiber



AI Overview

Thermal fiber strippers use controlled heat to safely remove coatings from optical fibers, making them ideal for precise tail fiber preparation. Overview of Thermal Fiber Strippers Thermal strippers are designed to remove fiber coatings using heat, which softens or melts the polymer layer without damaging the glass cladding. They are particularly useful for acrylate, PVC, polyimide, and other baked-on coatings, which can be difficult to remove with mechanical strippers alone. These tools are widely used in fusion splicing, fiber Bragg grating fabrication, and high-strength fiber applications.

Key Features

- Adjustable Temperature and Timing:** Many thermal strippers allow users to set the temperature and heating duration to match the fiber type and coating thickness, ensuring clean removal without nicking the fiber.
- Ergonomic and Efficient:** Models like the RS series provide fast heating (around 3 seconds) and low stripping force, making them suitable for high-volume or multi-fiber operations.
- Non-Contact Options:** Advanced systems, such as 3SAE's Burst™ Technology, use superheated air or nitrogen to remove coatings without physical contact, preserving fiber strength and enabling precise mid-span window stripping.
- Compatibility:** Thermal strippers can handle standard 125 μm cladding fibers, specialty 200 μm coated fibers, and even larger buffer diameters up to 1200 μm .

Applications

- Tail Fiber Preparation:** Thermal strippers are ideal for removing the coating at the fiber end (tail fiber) before splicing or connectorization.
- Window Stripping:** Short sections of coating can be removed mid-fiber for creating gratings or sensors.
- High-Strength Splicing:** Controlled heat ensures the fiber maintains tensile strength, which is critical for demanding applications.

Choosing the Right Tool

When selecting a thermal stripper, consider:

- Fiber type and coating material
- Required stripping length and precision
- Volume of fibers to process (handheld vs. automated units)
- Additional features like Bluetooth programming, LED indicators, or battery op...

Article Content

PDF document

THROUGH THE AIR ONTO A SURFACE PAINT STRIPPER A MECHANICAL OR HEAT DEVICE DESIGNED TO REMOVE PAINT AND OTHER FINISHES AND ALSO TO CLEAN THE

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Fiber Optic Thermal Strippers | FiberOptic Resale Corp

Fiber Optic Thermal Strippers We offer thermal strippers from Sumitomo, INNO Instrument, Fitel and Jonard Industries. These easy-to-use thermal strippers are

UCL SWIFT

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Thermal Fiber Stripper

With a heating time of only 5 seconds, low pulling force, and a flat, easy-to-clean heating element, it is both gentle and powerful. The integrated battery provides around 10 hours of operation and can be

Fitel S218A Optical Fiber Thermal Stripper : Fiber-Online

When you need a cordless, light-weight, quick-strip solution, the S218 optical fiber stripper efficiently solves your problems. This hot-stripping tool removes the coating of single fiber and ribbon

Direct To Video (DTV) Films: The Good And The Bad

Most of the films below have had limited theatrical release, have gone straight to Video On Demand (VOD) or have gone Direct to Video (DTV). There is a lot of good and bad stuff out there, some of

Fiber Strippers – tools, mechanical, thermal, chemical,

Fiber strippers are precision tools that remove a coating from a fiber before connectorization or splicing. There are mechanical, thermal and non-contact

FiberFox HS-12 Thermal Stripper

Product Description FiberFox HS-12 Thermal Stripper - Single and Ribbon Fiber **
Removable Fiber Holders are needed (Included in a splicer kit or sold

Sumitomo JR-6+ Thermal Stripper: The Ultimate

Enter the Sumitomo JR-6+ Thermal Stripper, a state-of-the-art tool designed to provide cleaner, more consistent fiber stripping results for both

Fiber Optic Ribbon Fiber Thermal Stripper – Yamasaki

Ribbon Fiber Thermal Stripper will enhance your fiber optic network. Designed for precision and efficiency, this tool is essential for any fiber optic technician.

The Ultimate Optical Fiber Stripper Guide

For these situations, an adjustable optical fiber stripper provides the flexibility to set the stripping blade diameter manually. Additionally, there are

2-piece kit Fiber optical thermal stripper M8 & fiber optical ...

They are suitable for various fiber types such as bare fiber, tail fiber, and ribbon fiber, and can quickly remove the coating layer without damaging the fiber core.

Fiber Splicing

Spec Sheet The RS01, RS02, RS03 and RS03-80 Thermal Strippers provide superior stripping performance for both single and multi-fiber stripping. The fast heating time of 3 seconds speeds

Thermal fiber optic cable stripper (How to and Overview)

The FiberFox HS-12 newly developed hand-held thermal stripper is rugged and durable, yet small in size and light weight. Designed to strip the jacket of single fiber and ribbon cable up to 12 ...

Thermal Strippers Fusion Splicing | Specs

Explore AFL Thermal Strippers Fusion Splicing. Compare specifications, compatibility and options to support reliable fiber and network infrastructure.

Thermal Stripper, Adjustable Blade | Jonard Tools

Designed to thermomechanically remove coatings from optical fibers with cladding, this adjustable thermal stripper is perfect for stripping extremely difficult or baked

Thermal Strippers | Jonard Tools

Trusted since 1958, Jonard's thermal strippers are made of premium quality material that's made for life. Shop Jonard Tools' collection thermal fiber stripping tools now.

FIS Fiber Thermal Stripper for Buffered Fibers

The FIS Fiber Optic Thermal Stripper is optimized to remove 900um or 250um buffer from one or two fibers at once or ribbon fiber in preparation of cleaving a fiber for

FIS FIBER OPTIC THERMAL STRIPPER INSTRUCTIONAL MANUAL

FIS FIBER OPTIC THERMAL STRIPPER Congratulations on the purchase of the new fiber optic thermal stripper. This product is optimized to remove 900um or 250um buffer from one or two fibers at once

3SAE Thermal Stripper High Strength (TS-HS)

The 3SAE Thermal Stripper High Strength is a compact optical fiber stripping tool for fiber optic thermo-mechanical coating removal.

3SAE Thermal Stripper Extended Rail (TS-ER)

The 3SAE Thermal Stripper Extended Rail models are easy-to-use optical fiber stripping units designed to thermo-mechanically remove coatings from optical

AFL Precision Strip Tool: Fast, Simple, and Accurate F

The AFL Precision Strip Tool is a fast, simple, and accurate solution for stripping fiber without damage. It is battery-powered and portable, making it ideal for use

JR-7S Thermal Jacket Remover

JR-7S Thermal Jacket Remover The JR-7S represents the latest innovation in fiber optic preparation technology. This advanced universal thermal jacket remover is

Sumitomo JR-6+ Thermal Stripper For Ribbon Or Single Fiber Stripping

The Sumitomo JR-6+ Thermal Stripper is a precision tool for fiber optic cable stripping. Designed for technicians, it ensures clean removal of coatings and jackets without damaging fibers. Ideal for

Ribbon Fiber Thermal Stripper

A Fiber Optic Ribbon Fiber Thermal Stripper is a game-changer in fiber optic technology. Designed for precision and speed, it simplifies the process

Thermal Strippers | Jonard Tools

Our thermal fiber stripping tools give technicians the advantage of being able to easily remove the extremely difficult or baked-on coating from fiber optic cabling.

Contact Us

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