

External Heater - Optical Fiber Fusion Splicer

Variants

EX-Heater

Details

Portable External Heating Furnace for Fiber Optic Fusion Splicer

The **Portable External Heating Furnace** is designed for heating fiber optic splice protection sleeves independently from a fusion splicer. It is an ideal accessory for increasing field productivity, allowing technicians to continue fiber splicing while previously completed splices are heated separately.

Featuring adjustable heating temperatures, a built-in rechargeable lithium battery, fast charging capability, lightweight construction, and automatic power-off protection, it is suitable for FTTH, FTTx, ISP, CATV, telecom, and optical fiber maintenance projects.

Quick Specifications

Heating Temperature

190–240°C

Battery

7.4V 5100mAh

Weight

0.36 kg

Auto Power Off

10 Minutes

Key Features

- Portable external heating furnace
- Designed for fiber optic fusion splicing
- Independent sleeve heating operation
- Supports heat-shrink sleeves up to 60 mm
- Suitable for sleeve diameter up to 6 mm
- Adjustable heating temperatures (190–240°C)
- Built-in rechargeable 7.4V lithium battery
- Fast charging via 12V / 6A charger
- Automatic 10-minute shutoff
- Compact, lightweight and field portable

Technical Specifications

Parameter	Specification
Product Name	Portable External Heating Furnace for Fiber Optic Fusion Splicer
Application	Heating Fiber Optic Heat-Shrink Protection Sleeves
Compatible Sleeve Length	Less than 60 mm
Compatible Sleeve Diameter	Less than 6 mm
Heating Temperature	190°C / 210°C / 220°C / 240°C
Power Input	12V Charger with 6A Fast Charging Cable
Battery	Built-in 7.4V 5100mAh Lithium Battery
Dimensions	145 × 40 × 90 mm
Weight	Approximately 360 g (0.36 kg)
Auto Shutoff Time	10 Minutes

Applications

FTTH Installation

Independent heating of splice protection sleeves during FTTH deployment.

ISP & Telecom

Improves field efficiency by allowing continuous fiber splicing.

Fiber Maintenance

Suitable for repair and maintenance of optical fiber networks.

Field Engineering

Compact portable heater for outdoor fiber optic technicians.

Usage Recommendation

Use this external heating furnace with heat-shrink protection sleeves measuring **up to 60 mm in length** and **less than 6 mm in diameter**. Select the appropriate heating temperature based on the sleeve type. Fully charge the built-in battery before field use and allow the automatic 10-minute power-off function to conserve battery life during idle periods.