

Latest Prices of Optical Fiber Cable Hot Melting Machines



Article Overview

Optical fiber hot melting (fusion splicing) machines range from around \$500 for entry-level models to over \$10,000 for high-end, fully automatic machines.

Price Ranges

- **Entry-Level Machines:** Basic clad alignment fusion splicers suitable for small-scale projects or occasional use typically start under \$500 and may include minimal features like manual alignment and basic heating functions .
- **Mid-Range Machines:** Core alignment machines with automatic fiber alignment, splice quality testing, and data storage generally cost \$1,500-\$5,000. These are suitable for professional installation and maintenance .
- **High-End Fully Automatic Machines:** Advanced models with AI-assisted core alignment, fast splicing (5 seconds per splice), integrated power meters, multi-language support, and long battery life can cost \$6,000-\$12,000 or more . These machines often include features like simultaneous multi-fiber fusion, transparent heating slots, and remote monitoring.

Key Features Affecting Price

- **Alignment Technology:** Core alignment machines are more precise and expensive than clad alignment machines .
- **Automation & Functionality:** Automatic splicing, built-in power meters, VFL (visual fault locator), and data storage increase cost .

Article Content

Fiber fiber melting machine price

These machines are essential for creating a reliable and permanent splice between two optical fibers. In this article, we

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