

# Fusion Splicer Machine Mini

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Fusion Splicer Machine Mini

## Variants

EX39

## Details

# SM Mini Series Fusion Splicer

## Technical Specifications

| Category          | Specification  |
|-------------------|--|
| Splice Method     | Active Clad Alignment  |
| Applicable Fibers | SM (G.652 / G.657), MM (G.651), DS (G.653), NZDS (G.655)             |
| Compatible Cable  | 0.25 – 3.0 mm, Indoor Flat Cable                                     |
| Fiber Holder      | Replaceable Type   |
| Fiber Diameter    | Cladding: 80–150 $\mu$ m, Coating: 100–1000 $\mu$ m                  |
| Cleave Length     | 8 – 16 mm  |
| Splice Mode       | Up to 128 modes  |
| Splice Loss       | SM: 0.03 dB, MM: 0.01 dB, DS: 0.04 dB, NZDS: 0.04 dB, G.657: 0.03 dB |
| Return Loss       | $\geq$ 60 dB   |
| Splicing Time     | 8 sec (Quick Mode), $\sim$ 10 sec (Average)                          |
| Heating Time      | $\sim$ 18 sec (Adjustable, 40 mm sleeve)                             |

|                   |   |
|-------------------|---|
| Protection Sleeve | 20 / 30 / 40 / 50 / 60 mm                         |
| Battery           | 4000 mAh (?220 splice & heat cycles)              |
| Electrode Life    | 5000 arcs (replaceable)                           |
| Auto Functions    | Auto splice & heating start                       |
| ARC Calibration   | Automatic (air pressure & temperature based)      |
| Data Storage      | 10,000 splice records, 2,000 images               |
| Display           | 3.5-inch color LCD (800 × 480)                    |
| Magnification     | 320× (X, Y, XY, X/Y view)                         |
| Power Supply      | AC 100–240V (50/60Hz), DC 14V                     |
| Interface         | USB 2.0   |
| Weight            | 1.06 kg (without battery), 1.35 kg (with battery) |
| Dimensions        | 130 × 113 × 126 mm                                |