

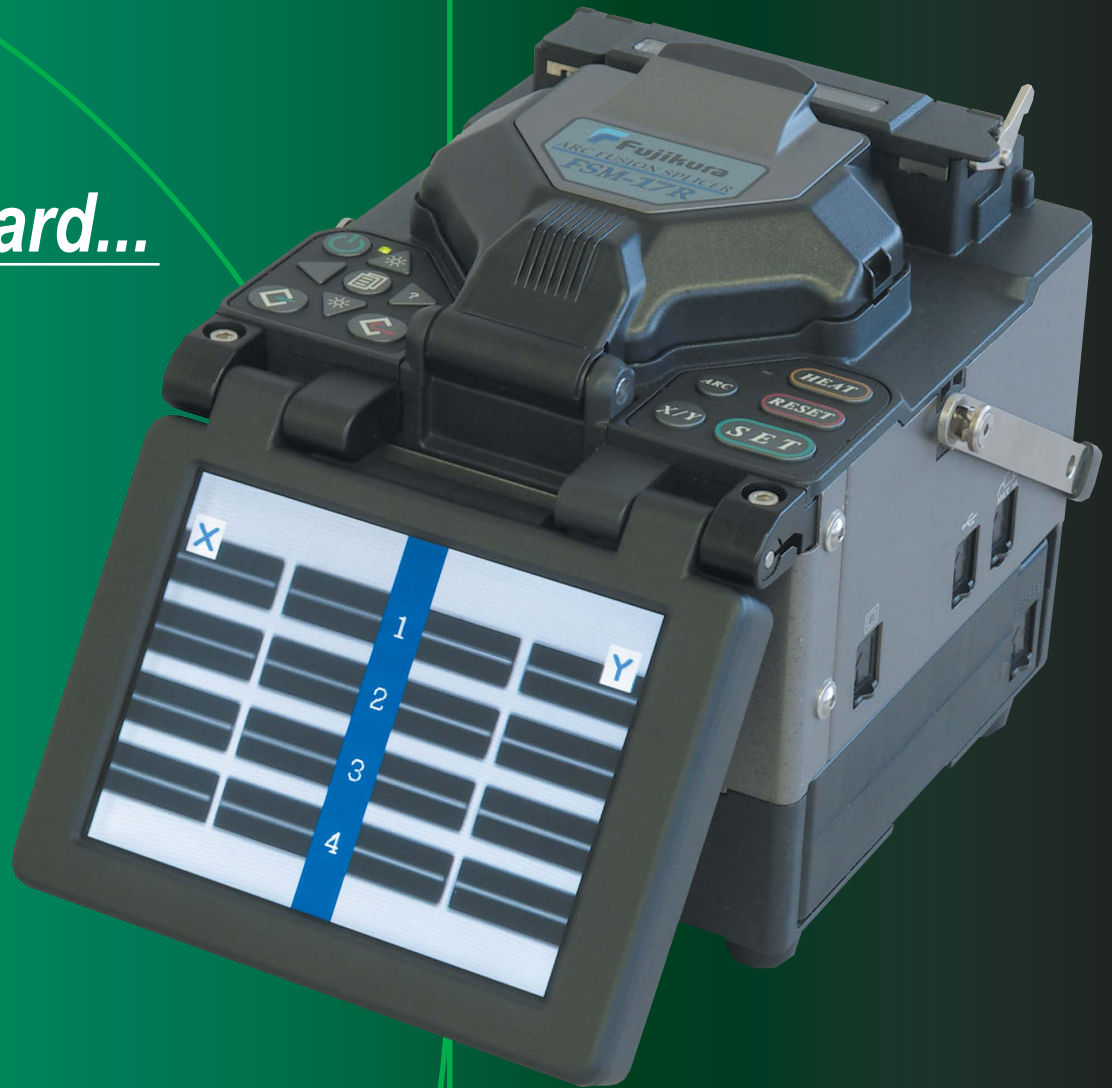
New model

Mass Fiber Fusion Splicer

FSM-17R

Fujikura

New standard...



Opternus

Optische Spleiss- und Messtechnik

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Features

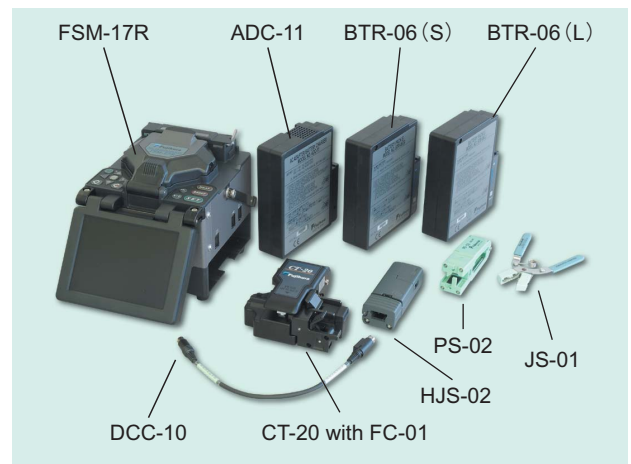
- Suitable for ribbon fiber splicing
- Splicing up to 4-fiber ribbon
- Cladding alignment with fixed V-grooves
- Dual-directional operating system
- Arc calibration-free system
- Automatic fiber loading system
- Large capacity slot-in battery
- Simple operation steps

| SPECIFICATIONS | |
|-------------------------------------|---|
| Applicable fibers | SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU -T G.653), NZDS (ITU-T G.655) |
| Fiber Count | Single, 2, 4 |
| Fiber cleaved length | 10mm |
| Actual average splice loss | 0.05dB with SM, 0.02dB with MM, 0.08dB with DS, 0.08dB with NZDS. Measured by cut-back method relevant to ITU-T and IEC standards. |
| Splicing time | Typical 20seconds |
| Return loss | >>60dB |
| Splicing modes | 40 user programmable modes and up to 60 modes for reference (factory predetermined setting). |
| Splice loss estimate | Available |
| Storage of splice result | The last 600 results to be stored in the internal memory. |
| Fiber display | X / Y, or both X and Y simultaneously. |
| Magnification | 89x |
| Viewing method | Two CMOS cameras and 5.6inch color LCD monitor. |
| Operating condition | 0 to 3,660m above sea level, 0 to 95%RH and -10 to 50°C respectively. |
| Mechanical proof test | 2N |
| Tube heater | Built-in tube heater with 10 heating modes and up to 20 modes for reference. |
| Tube heating time | Typical 40seconds with FP-04(T) protection sleeve. |
| Applicable protection sleeve length | 60mm and 40mm |
| No. of splice/heating with battery | Typical 70 cycles with BTR-06(S) / Typical 140 cycles with BTR-06(L). |
| Power supply | Auto voltage selection from 100 to 240V AC or 10 to 15V DC with ADC-11. 13.2V DC with BTR-06(S)/(L). |
| Terminals | USB 1.1 (USB-B type) for PC communication. Video terminal RCA video jack / NTSC. |
| Wind protection | Max. wind velocity of 15m/s. |
| Dimensions | 150W × 150D × 150H (mm) |
| Weight | 2.2kg (2.7kg including AC adapter ADC-11) |

| STANDARD PACKAGE | | |
|---|-----------|-------|
| Description | Model No. | Q'ty |
| Arc Fusion Splicer | FSM-17R | 1pc. |
| AC adapter / Battery charger / DC inlet | ADC-11 | 1pc. |
| Carrying case | CC-12 | 1pc. |
| Monitor cover | MC-02 | 1pc. |
| AC power cord | ACC-XX | 1pc. |
| Spare electrodes | ELCT2-20A | 1pair |
| Instruction manual | - | 1pc. |

| OPTIONAL ITEMS | |
|------------------------------|--|
| Description | Model No. |
| Detachable battery pack | BTR-06(S) / BTR-06(L) |
| Battery charge cord | DCC-10 |
| DC power cord | DCC-12 (Cigarette lighter socket type) |
| | DCC-13 (Alligator clamp type) |
| J-plate | JP-04 |
| Working table | WT-06 |
| Working table support | WTS-06 |
| Magnifying glass | MGS-05 |
| High precision fiber cleaver | CT-20 |
| Thermal jacket stripper | HJS-02 |
| Primary coat stripper | PS-02 |
| Nylon jacket stripper | JS-01 |
| Tube heater | SH-7 |
| Alcohol dispenser | HR-1 |
| Protection sleeves | FP-03, FP-03(L= 40), FP-04(T) |

| OPTIONAL FIBER HOLDERS | | | | |
|------------------------|-----------------|----------------|----------------|----------------|
| Fiber | Single (0.25mm) | Single (0.9mm) | 2-fiber ribbon | 4-fiber ribbon |
| Model No. | FH-50-250 | FH-50-900 | FH-50-2 | FH-50-4 |



Accessories

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Specifications and descriptions are subject to change without prior notice.

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