



Product Lines



TYPE 65 Micro-Mass FUSION SPLICER



Features

- 30 Second splice time!
- Simultaneous Focussing on up to 12 Fibers at a Time
- Large 5.6 inch Display Provides a Clear Fiber Image Even in Direct Sunlight.
- Battery Operation lets you perform up to 30 mass splices on the go!
- Wind Protective Design allows splicing in winds of up to 30 mph.
- Built-In Protection Sleeve Heater
- Precision V-groove Alignment System
- Splice Data Memory
- Programmable Power Management Functions for longer battery operation.

Description

The New Type-65 Micro-Mass is **FAST** and designed for complete portability: with battery operation, wind protection and compact size it can go *anywhere*. The Type-65 offers unprecedented speed and protability in a rugged, user-friendly machine.

Utilizing precision v-groove alignment, the TYPE-65 can be used for all types of ribbon and single splicing with an optimum arrangement for ease of use in aerial and taut-sheath applications. The fiber viewing system provides simultaneous focussing of up to 12 fibers at a time and maintains equal resoulution across all fibers for improved accuracy of splice loss estimations. The high speed, high resolution image processing system automtically evaluates the fibers in two planes (X and Y axis) for cleave end face quality, cleave length irregularity and fiber offset to screen out most likely causes in high loss splices.

Specifications

In addition to specifications shown below [brochures](#) are available for download in PDF file format.

Alignment Method	Fixed V-Groove
Fiber Requirements	Silica glass: Single- Mode / Multi-Mode / Dispersion Shifted Fiber
Fiber Diameter	125 um
Fiber Coating Diameter	Ribbon: 250 um Single: 250 & 900 um
Number of Fibers	1, 2, 4, 6, 8, 10, 12
No.of Fusion Condition Settings	48.
Splice Parameters	5 Parameters for each program
Typical Splice Loss	SM: 0.05 dB(when using Homogeneous SM fiber) MM: 0.03 dB(when using Homogeneous MM fiber)
Typical Splice Cycle Time	12 fibers: 30 seconds (set to loss estimation)
Typical Heater Cycle Time	90 seconds
Data Memory	3000 splice data points
Power Supply	100 to 265V AC (50/60 Hz) / 12V DC / Battery
Size	150W x 150H x 150D mm (6W x 6H x 6D inches)
Weight	3 kg (6.6 lbs)
Monitor	Low Glare, 5.6 inch LCD

Wind Protection	30 mph (15 m/s)
Battery Operation (<i>fully charged</i>)	30 mass splices, including protection sleeve heater and hot jacket remover operation

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