



FFS-10000

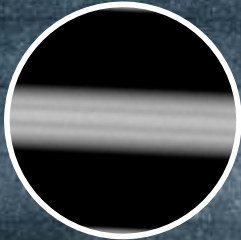
FAST FUSION SPLICER

PRESENTING THE SPLICING BENCH MARK

PRODUCT HIGHLIGHTS :

- ❖ 6 Motors Core Alignment System
- ❖ Very High Performance Machine
- ❖ Outclass any other make of Fusion Splicer
- ❖ Long Lasting 8400 mAh Battery
- ❖ Smart App- Bluetooth Connectivity and Data Transfer
- ❖ Fast 6 Second Splice 12 Second Heating Time
- ❖ Long Battery - upto 500 splice in one charge
- ❖ Low Maintenance Cost & Economical Spares
- ❖ Highly Resistant to: Dust/Shock/Water
- ❖ Easy to Coupler Splicing

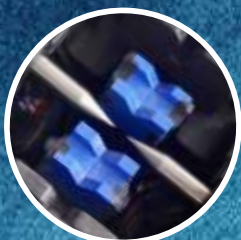
Fast
&
RELIABLE



Fiber Core Identification System
Auto Splicing Mode



12 Sec Fast Heating Time
Super Smart Heater



Ceramic Short V-Groove
Stable & Durable



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Corporate Off.: Gali No. 12, Krishna Colony Near Durga Builder Sehatpur, Faridabad (Haryana)-121003

SPECIFICATIONS

Applicable Fiber	SM(ITU-T G.652/G.657), MM(ITU-T G.651), DS(ITU-T G.653), NZ/NZDS (ITU-T G.655)
Cladding/Coating Diameter	Dia 80~150 μ m, Dia 100~1000 μ m
Cleave Length	250 μ m cladding diameter 8~16mm, over 250 μ m cladding diameter 16mm
Splice/Heating Modes	Max. 100 / Max. 30
Splice Loss	0.02dB (SM), 0.01dB(MM), 0.04dB(DS) and 0.04dB(NZDS) Measured by cut-back method relevant to ITU-T and IEC standards.
Return Loss	>>60dB
Splicing Time / Tube Heating Time	Typical 6sec. with SM / Adjustable, 12sec. typical
Splice Date Storage/Image Capture	Max. 10000 / Max. 100
Viewing Method / Magnification	560x for X or Y single axis view, / 270x for both X and Y dual axis view
Tension Test	1.96~2.25N
Applicable Protection Sleeve	10~60mm
No. of Splice/Heating per Battery Charge	Typical 350 cycles
Electrode Life	5000 arc discharges
Size & Weight	190x140x150(mm), 1.8kg (2.2kg with battery)
Operating Condition	Altitude: 0 to 5,000m above sea level, Wind: 15m/sec, Temperature: -20 to 50deg C, Humidity: 0 to 95%RH, non-dew
Storage Condition	Humidity: 0 to 95%, Temperature -40~+80degC (Battery -20~+40degC)
Resistance Feature	Shock resistance : 76cm (30inch) 5 difference surface drop* Dust resistance : Exposure to dust (0.1 to 500 μ m dia. Alumina Silicate) Rain resistance : H= 10mm/hr for 10min
Terminal	High Speed USB
Power Supply	AC 100~240 Vold, 50/60Hz
Battery Module	8400 mAh high capacity battery
Automatic Function	ARC auto calibration by using the results of previous splice when in AUTO mode
Display on Screen	Able to display: Fiber, Fiber alignment and Splicing processes, Cutting angle, Fiber surface Evaluation results of splice attenuation and Storage of splice results.
Heating Support	60mm, 40mm
Cable Stripper	Cutting optical cable with diameter from: 10mm ~ 16mm and has the ability to adjust the cutting depth
High Precision Fiber Cleaver	Minimum use with fibers with fiber diameter \varnothing 0.25mm & \varnothing 0.9mm, cladding diameter 0.125mm
Clauss Stripping Tool	Stripping the fiber diamter of 0.25mm to 0.9mm and the fiber optical cable with diameter of 2-3mm

STANDARD PACKAGE

Single Fiber Fusion Splicer	High Capacity Battery	AC Adapter	Spare Electrode
Fiber Optic Stripper	User Guide	DC Charging Cable	AC Adapter Cable
Cooling Tray	Shoulder Strap	Hand Strap	Carrying Case

CONTACT INFORMATION

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