

FORC F1S

New Ultrafast F1S Ultra Compact Active V-Groove Fusion Splicer

4 motor Active V-Groove Clad Alignment/ 9 Second Heat Time

Dual batteries 5200m Ah per kit - up to 400 Cycles

1.67 kg rugged and compact design for FTTH and last mile applications

Dual camera display with 4.3-inch HD color LCD

SOC ready with Detachable SOC Holders and Oven Attachments

Designed with Rubber Bumpers for Splicer and Screen Protection

F7 Cleaver w Automatic Trash Bin Cleaver Standard



The Worlds Newest Technology in Compact Fusion Splicers

Clad Alignment Designed for both FTTH and Outside Plant



Characteristics

Removable Heat Oven for SOC Ready



Easy to Replace Electrodes Long Lifespan



2 Bright LEDs



Ceramic Clamp - Improved Durability



Waterproof



Anti Shock



Dustproof

2 Camera 4.3 Inch Touch Screen

320x Magnification

3 Display Modes



Large 5200mAh Battery Capacity



Description

The FORC F1S Clad alignment splicer has faster splice and heat times with the super heater on the market. Designed with the user in mind and is perfect for any FTTH and Outside plant application. The small, compact design makes it a great splicer for any environment. Features include a 320X color 4.3-inch LCD screen, Friendly GUI (Graphic User Interface) Detachable SOC capability for FTTX field applications, 2 bright LEDs for dark environments and dual batteries come standard per kit allowing approximately 400 cycles. Cutting Edge Technology and Advanced CPU power allow fast 9 second splice time and 15 second heat time. Standard kits include dual batteries and V7 cleaver with automatic trash bin

Specifications

Model	F1S
Dimension	142W X 131.5D x 142H
Weight	1.735kg
Fiber Count	Single
Applicable Fibers	SM (ITU-TG .652 & G657) MM (ITU-TG .651) DS (ITU-TG 653) NZDS (TU-TG .655)
Cleaved Length	Diameter: 0.125mm ~ 1mm (Coating) / Cleave Length 5 ~ 16
Cladding Diameter	80 ~ 150um
Splice Programs	Preset 39 Splice Modes / Max 128 Available
Splicing Method	Clad Alignment
Motor Operation	4 Motors
Heating Mode	32 Heat Modes
Typical Splice Loss	SM (0.03dB) MM (0.01dB) DS (0.05dB) NZD (0.05dB) G.657 (0.03dB)
Return Loss	>>60dB
Lighting	2 LEDs
Splicing Time	SM 9s/Quick 7 s
Estimated Splice Loss	Available
Heating Sleeve Length	40mm, 60mm, 33mm, Fast
Heating Time	Typical 13 Seconds /Preheat 9s
Storage for Results	Up to 10,000 Records / 20,000 Splice Images
Tension Test	1.96 - 2.25N
Operating Condition	Elevation 0-5000 Meters; -20 ~ 60* C; 0 ~ 95% Humidity; Max Wind Speed 15m/s
Storage Condition	Temperature -20 ~ 60* C; 0 ~ 95% Humidity; Battery -20 ~ 30* C
Display	2 Camera with 4.3 Inch High Definition color LCD
Fiber & Magnification View	320 Times Magnification / 3 Display Modes
Power Supply	AC 100-240V Input or DC 12.6V - 1.8A
No. of Splice /Heat w/ Battery	Typical Full Cycle 190 Splice and Heat / 5200m Ah
Operating Methods	Touchscreen and Keyboard
Electrode life	> 5,500 ARCs
Terminal	Mini USB



Weight and Dimensions

Height: 124 mm
Width: 144 mm
Depth: 131 mm
Weight: 1.31 kg



Kit Contents

Fusion Splicer	F1S
High Precision Cleaver	F7+ Auto Trashbin
Fiber Holder	FH-45
AC Adapter / Power Cord	F1-CA3PM / F-MAC
Electrodes	F-50
Battery Pack (2)	FLBT-5200
Carrying Case	NBX-88
SOC Holder	FH-SOC
SOC Heater Cover	HTN-SOC
Mini Cooling Rack	CG-22
USB Cable	CBL-F
Accessory	P1 Screwdriver

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