

Worlds Newest Compact Rugged 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

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

Dual camera display with 4.3-inch HD color LCD

Detachable SOC -Holders and Oven Attachment

Designed with Rubber Bumpers for Splicer and Screen Protection

Automatic Trash Bin Cleaver Standard



The Worlds Newest Technology in Compact Fusion Splicers

Clad Alignment Designed for both FTTH and Outside Plant



FORC F1

Characteristics

Removable Heat Oven for SOC



Easy to Replace Electrodes
Long Lifespan



2 Bright LEDs



Ceramic Clamp -
Improved Durability



Large 5200mAh
Battery Capacity

2 Camera 4.3 Inch Touch Screen
320x Magnification
3 Display Modes



Waterproof



Anti Shock



Dustproof

Description

The FORC F1 is the newest compact rugged 4 motor Clad alignment splicer 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 perfect splicer for any environment. Features include a 320X color 4.3-inch LCD screen, Friendly GUI (Graphic User Interface) Detachable SOC capability for FTTH 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.

Specifications

Model	F1
Dimension	130 x 135 x 140
Weight	1.67kg
Fiber Count	Single
Applicable Fibers	SM (ITU-TG .652 & G657) MM (ITU-TG .651) DS (ITU-TG 653) NZD S (TU-TG .655)
Cleaved Length	10-16mm
Cladding Diameter	0125mm - 0150mm
Splice Programs	7 User Mode
Splicing Method	Clad Alignment
Motor Operation	4 Motors
Heating Mode	32 Heat Modes / Preset 3 Heat Modes
Typical Splice Loss	SM (0.03dB) MM (0.02dB) DS (0.05dB) NZD (0.05dB) G.657 (0.03dB)
Return Loss	>>60dB
Lighting	2 LEDs
Splicing Time	9 Seconds
Estimated Splice Loss	Available
Heating Sleeve Length	20mm - 60mm
Heating Time	Typical 15 Seconds
Storage for Results	Up to 10,000 Records
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 9-14V
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 HDMI

Weight and Dimensions



Height: 130 mm
Width: 135 mm
Depth: 140 mm
Weight: 1.67 kg

Kit Contents

Fusion Splicer	F1
High Precision Cleaver	F7
Fiber Holder	VFH-J1
AC Adapter	F1-CA3PM
Electrodes	E-14
Instruction Manual CD	CD
Battery Pack (2)	FLBT-5200
Power Cord	ACC-25
Carrying Case	NBX-88
SOC Holder	FH-SOC
SOC Heater Cover	HTN-SOC
Mini Cooling Rack	CG-22
HDMI Cable Manual	HDMI-15

