

# FIS CA3 CORE ALIGNMENT SPLICER



## FEATURES

- Fast Splice Time – SM 7s Quick Mode / 18s Heat Time
- Rugged 4.3" Tempered Glass LCD Touch Screen
- Typical 130 Cycles (Splice and Heat) / Single Battery (Two Batteries Standard with Kit)
- Perfect for use with Splice-On Connectors with Metal SOC Holder

The New CA3 Core Alignment Fusion Splicer is designed with the splice technician in mind. The CA3 offers fast splice and heating times, excellent environmental performance, and a standard kit package with precision cleaver and two extended life batteries. Users have the option of operating the unit with integrated hard keys, or a new ultra-sensitive 4.3" LCD (tempered glass) touch screen. Fast, low-loss splice performance and compatibility with FIS Cheetah Splice-On Connectors make this fusion splicer perfect for premise and long haul OSP applications.

## ORDERING INFORMATION

<b>F1-CA3LX</b>	CA-3 Core Alignment Splicer Kit with LYNX Precision Cleaver with Case and Auto-Scrap Collector, (2) Battery Modules, AC 100-240V Power Supply Cord and Adapter, USB Cable, Cooling Tray, Spare Electrodes, Shoulder Strap, Manual, Hard Carry Case
<b>F1-CA3F</b>	CA-3 Core Alignment Splicer Kit with Fitel S326A Cleaver with Case and Auto-Scrap Collector, (2) Battery Modules, AC 100-240V Power Supply Cord and Adapter, USB Cable, Cooling Tray, Spare Electrodes, Shoulder Strap, Manual, Hard Carry Case



Rugged 4.3" tempered glass LCD touch screen monitor



The smallest Core Alignment Splicer



Standard kit package with precision cleaver and two extended life batteries

## SPECIFICATIONS

<b>Splicing Method</b>	Core Alignment DWACAS (Digital Wavelength Automatic Core Alignment System)
<b>Average Loss</b>	SM(0.02dB) / MM(0.01dB) / DS(0.04dB) / NZDS(0.04dB) / G.657(0.02dB)
<b>Return Loss</b>	>>60dB
<b>Splice Time</b>	12s Average SM / 7s Quick Mode
<b>Electrode Lifespan</b>	>3,500 arcs
<b>Applicable Fiber</b>	SM(ITU-T G.625, MM(IUT-T G.651), DS(IUT-T G.653), NZDS (ITU-T G.655), IT-G.657A, IT-G.657B
<b>Auto Fiber Detection</b>	0.25mm, 0.9mm, 2.0mm, 2.4mm, 3.0mm, FLAT (indoor cable)
<b>Evaluation of Splice Quality</b>	Available
<b>Cleaved Length</b>	Coating Diameter <0.25mm = 8 - 16mm, Coating Diameter > 0.25mm = 16mm Minimum
<b>Coating Diameter</b>	100 - 1,000um
<b>Cladding Diameter</b>	80 - 150um
<b>Heating Programs</b>	Factory installed mode: 9, User installable mode: 70+
<b>Heating Time</b>	Typical 18s
<b>Protection Sleeve</b>	40mm, 60mm
<b>Data Output</b>	HDMI
<b>Splice Programs</b>	Factory installed mode: 33, User installable mode: 70+
<b>Splice Memory</b>	Up to 2,000 records and 2,000 splice images
<b>Battery</b>	Typical 130 Cycles (Splice & Heat) / Single Battery <2 Batteries Standard>
<b>Power Supply</b>	AC 100-240V input or DC 9-14V
<b>Monitor</b>	Color 4.3" (109mm) LCD monitor, with Touch Screen
<b>Cameras</b>	2 CCD camera system
<b>Magnification</b>	XY style: 150 power, X/Y: 300 power
<b>Fiber Display</b>	X/Y or XY, single X,Y
<b>Weight</b>	1.44Kg (3.75lbs) with battery
<b>Size</b>	124 L x 123 W x 130 H (mm) / 5 L x 5 W x 5.5 H (inches)
<b>Wind Protection</b>	Maximum wind velocity 15m/s (34mph)
<b>Operating Environment</b>	Elevation 0-5km, -40° - 80°C, 0-95% relative humidity
<b>Storage Conditions</b>	Temperature -40° - 80°C, 0-95% relative humidity, battery -20° - 30°C
<b>Pull Test</b>	.96 - 2.25N (standard)
<b>Durability</b>	Designed based on IP52, Equipped with anti-shock protection cover (optional)

## RECOMMENDED ACCESSORIES FOR THE CA3

### CLEAVERS

<b>LYNX Cleaver - 3 Step Cleaver</b>	F1-LYNX
<b>LYNX Cleaver with Illuminated Workstation</b>	F1-LYNXWKS
<b>LYNX Cleaver - One Step Cleaver</b>	F1-LYNX2000
<b>Replacement Blade for LYNX Cleaver</b>	F1-LYNXBLADE
<b>Fitel S326A Cleaver</b>	S326A
<b>Replacement Blade for Fitel S326A Cleaver</b>	S326X24

### SPLICER ACCESSORIES

<b>Power Supply Module</b>	F1-CA3PM
<b>CA-3 Power Cord</b>	F1-CA3PC
<b>Cooling Tray</b>	F1-CA3CT
<b>Spare Electrodes</b>	F1-CA3ET
<b>Operating Manual</b>	F1-CA3ML
<b>Carrying Case With Work Table</b>	F1-CA3CC
<b>Hand Strap</b>	F1-CA3HS
<b>USB Cable</b>	F1-CA3USB