

# Mini 6S

The Smallest Core Alignment Splicer



# CE GROUP

## The **Smallest** and **Lightest** Fusion Splicer

SIZE : 124mm x 123mm x 130mm  
WEIGHT : 1.44kg (without Battery)

Mini & Ultra accurate - Typical 0.01dB  
HD Color & Touch screen  
Basic 2 Batteries  
Core Alignment DWACAS  
Multi-functional fiber holder

**Anti-shock**  
**Dustproof**  
**Waterproof**



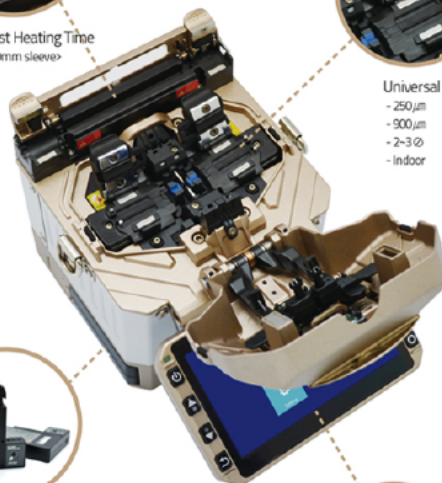
Splicing Method	Core Alignment DWACAS(Digital Wavelength Automatic Core Alignment System)
Average Loss	SM(0.02dB) / MM(0.01dB) / DS(0.04dB) / NZDS(0.04dB) / G.657(0.02dB)
Return Loss	>>50dB
Splice Time	12s average SM / SM 7s Quick mode
Electrode Lifespan	>3,500 arcs
Applicable Fiber	SM(ITU-T G.652, MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655), IT-G657A, IT-G657B 0.25mm, 0.9mm, 2.0mm, 2.4mm, 3.0mm, FLAT(indoor cable)
Automatic Fiber Detection	Available
Evaluation of Splicing Quality	Available
Cleaved Length	Coating Diameter < 0.25mm = 8-16mm, Coating Diameter > 0.25mm = 16mm minimum
Coating Diameter	100-1,000um
Cladding Diameter	80-150um
Heating Programs	Factory installed mode : 11, User installable mode : 23
Heating Time	Typical 18s
Protection Sleeve	40mm, 60mm, SOC Connector
Data Output	HDMI
Splice Programs	Factory installed mode: 33, User installable mode: 70+
Splice Memory	Up to 2,000 records and 2,000 splice images
Battery	Typical 130 Cycles (Splice&Heat) / Single Battery < 2Batteries Standard>
Power Supply	AC 100-240V input or DC 9-14V
Monitor	Color 4.3" LCD monitor, with Touch Screen (Tempered Glass)
Cameras	2 CCD camera system
magnification	XY style : 150 power, X/Y : 300 power
Fiber Display	X/Y or XY, single X.Y
Weight	1.39Kg (without battery)
Size	122mm X 124mm X 131mm
Wind Protection	The max wind speed 15m/s
Operating Environment	Elevation 0-5,000 meters, -15-60°C, 0-95% relative humidity
Storage Condition	Temperature -40 to 80°C, 0-95% relative humidity, battery -20-30°C
Pull Test	1.96-2.25N (standard)
Durability	Designed based on IP52, Equipped with anti-shock protection cover (optional)



The Fastest Heating Time  
~ 18 sec (<50mm sleeve)



Universal Holder  
~ 250um  
~ 900um  
~ 2-3Ø  
~ Indoor



Two Batteries are included in Standard Package  
~ 260 cycles (splicing & heating) with Two Batteries



Full Touch Screen  
- GUI Interface  
- Tempered Glass



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