

# Mini 6S

The Smallest  
Core Alignment Splicer



## The Smallest Core Alignment Splicer

Mini & Ultra accurate - Typical 0.01dB

HD Color & Touch screen

Basic 2 Batteries

Core Alignment DWACAS

Multi-functional fiber holder

Splice on connector for FTTx

Barcom

# 01

## The Smallest and Lightest Fusion Splicer



# 02

## SOC Compatible



# 03

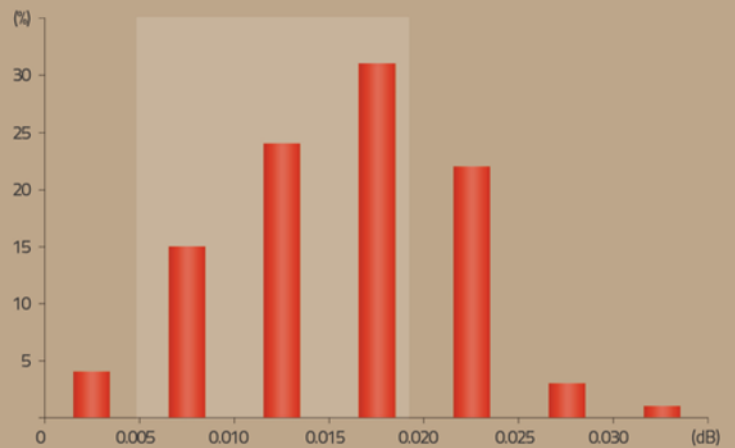
## Durability



# 04

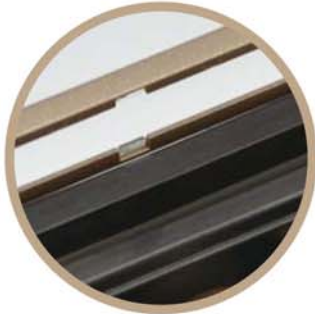
## Performance

The most stable loss condition  
under different  
environmental conditions



0.005 ~ 0.019dB : 70 (%)

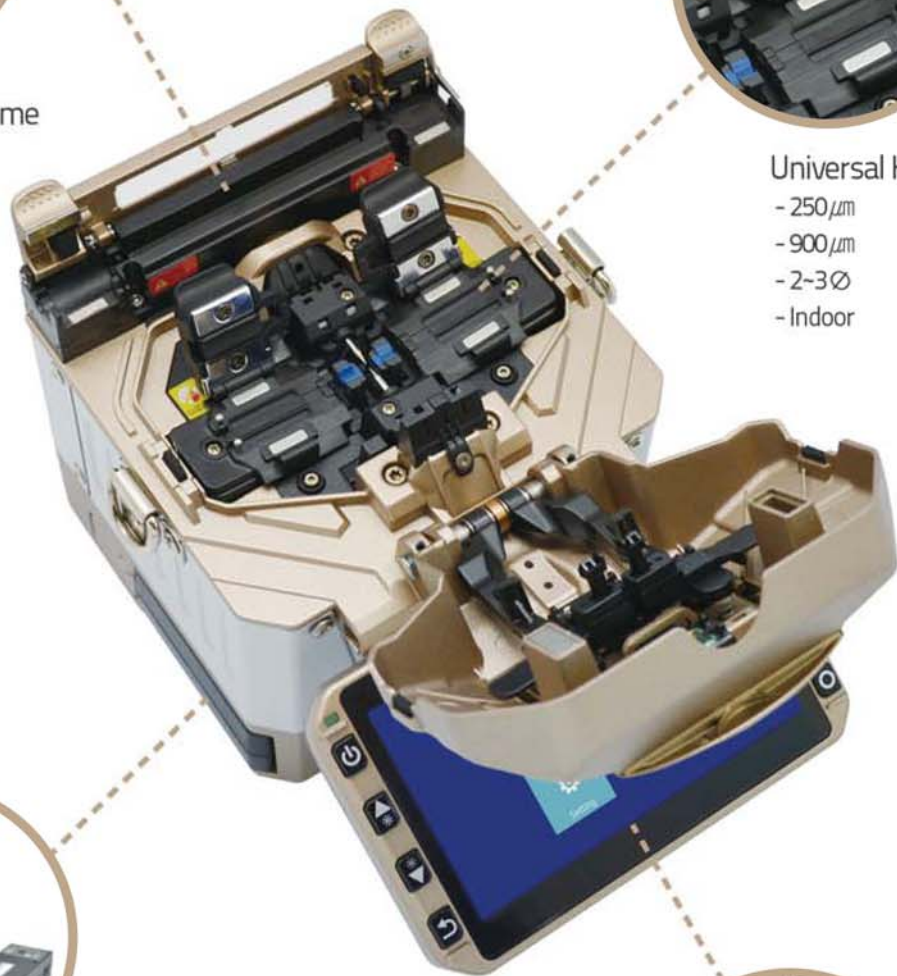
# Characteristic



The Fastest Heating Time  
- 18 sec <60mm sleeve>



Universal Holder  
- 250  $\mu\text{m}$   
- 900  $\mu\text{m}$   
- 2-3  $\text{\O}$   
- Indoor



Two Batteries are Included in Standard Package  
- 260 cycles (splicing & heating) with Two Batteries



Full Touch Screen  
- GUI Interface  
- Tempered Glass



# Standard Package



- 1 MINI 6S Splicer
- 2 Cleaver Pouch
- 3 MINI 50G Cleaver
- 4 Power Cord
- 5 USB Cable
- 6 AC Adapter
- 7 Car Cigar Jack
- 8 Cooling Tray
- 9 Spare Electrode
- 10 Connector Heater Block
- 11 Connector Holder
- 12 2 Battery Packs
- 13 Shoulder Strap
- 14 Operation Manual CD
- 15 Hand Carrying Case

# Specifications

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	>>60dB
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)
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 : 9, 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	<b>Typical 200 Cycles (Splice &amp; Heat) / single battery &lt;2 Batteries Standard&gt;</b>
Power Supply	AC 100-240V input or DC 9-14V
Monitor	<b>Color 4.3" LCD monitor, with Touch Screen (Tempered Glass)</b>
Cameras	2 CCD camera system
magnification	XY style : 150 power, X/Y : 300 power
Fiber Display	X/Y or XY, single X.Y
Weight	<b>1.44Kg (without battery)</b>
Size	<b>124mm X 123mm X 130 mm</b>
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)