

# DACAS CORE ALIGNMENT FUSION SPLICER



# FST-V5

- COMPACT ACTIVE V-GROOVE FUSION SPLICER
- DACAS-DIGITAL ANALYSIS CORE ALIGNMENT
- LIGHT WEIGHT, COMPACT SIZE, HANDHELD FUSION SPLICER
- SMART CONNECTING WITH INTERNET, AUTOMATIC FIBER DETECT FUNCTION
- 3.5" HIGH RESOLUTION LCD TOUCH SCREEN WITH 380X MAGNIFICATION
- GERMAN CNC TECHNIQUE AND INTEGRATED FIBER-ADJUST FRAME, WHICH MAKE PERFORMANCE MUCH STABLE
- BUILT-IN JAPANESE COMPONENTS AND KOREAN CHIPSET
- 2 HIGH-POWER WHITE LEDS AND ILLUMINATED KEYPADS SIMPLIFIES YOUR WORK AT NIGHT
- DUST PROOF, WATER PROOF, SHOCK PROOF AND HIGH TEMPERATURE RESISTANCE



Working at Height



Connect to Internet



Light Weight

## EQUIPMENT PARAMETERS

Model	FST-V5
Applicable Fibers	SM(ITU-T G. 652&G.657),MM(ITU-T G.651),DS(ITU-T G.653),NZDS(ITU-T G655)
Compatible Fiber/Cable	0.25-3.0mm/Indoor Cable
Cleaved Length	Coating Diameter: 0.125-1mm/Cleave length:8-16mm
Splicing Mode	Preset 41 splicing modes, storable 100 modes
Typical Splice Loss	SM: 0.02dB / MM: 0.01dB/ DS: 0.04dB / NZDS: 0.04 dB/ G.657: 0.02dB (ITU-T Standard)
Return Loss	≥60db
Lighting	2 powerful white LEDs
Splicing Time	SM fast mode: 6s
Estimated Splice Loss	yes
Protection Sleeve Length	20-60mm
Heating tank	Preset 5 kinds of thermal heating tube: 20/30/40/50/60mm, Max 100 modes
Heating Time	Fast heating time: 13s, Typical Heating Time: 30s
Results Storage	20000 latest records & 200 images
Tension Test	1.5-2.0N
Display	3.5" high resolution display with touch screen
Fiber View & Magnification	X,Y,XY,X/Y:380×Magnification
Power Supply	AC Input 100-240V,DC Input 12-15V
Battery capacity	2200mAh battery capacity
Heating times	typical above 120 times(splicing+heating)
Operating Methods	Button/Touch Screen
Automatic Calibration	Automatic ARC calibration by air pressure and temperature
Electrode Life	5000 ARCS
Terminal	USB 2.0
Fiber alignment	Precision alignment, core alignment with automatic fiber detect function
Weight	1.15 KG (including rubber Bumper)
Dimension	132W*205L*98Hmm (including rubber Bumper)
Operating Condition	Operating altitude 0-5000m above sea level, 0-95% relative humidity-10~50°C, max wind 15m/s
Storage Condition	0~95% relative humidity, -40~80°C, battery storage: -20~30°C

## STANDARD CONFIGURATION

Name	Model	Quantity	Name	Model	Quantity
Host machine	FSTV5	1pc	Carrying case	Xt03	1pc
Fiber cleaver	/	1pc	Alcohol bottle	/	1pc
Battery	TPW-45	1pc	Cooling tray	TP02	1pc
Spare electrode	E2	1 pair	Carrying Straps	/	1pc
Adapter	TPA150300	1pc	Test report	/	1pc
power cable	/	1pc	User Manual	/	1pc
Fiber stripper(optional)	CFS-2	1pc	Cleaning kitbag (optional)	/	1pc
Cable stripper(optional)	WX-1101	1pc	Rubber Blower (optional)	/	1pc
SOC fiber holder	/	1 pc	Working table (Optional)	/	1pc



LED Torch Light, Easy for Operation at Night



Carrying Bag or Carrying Case



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