

ST41

SCITEX PTE LTD

Fiber Fusion Splicer for Telecom

5s

FAST
SPLICING

MULTI-GEAR
ADJUSTABLE
HANDLE



7200mAh



LARGE
CAPACITY
BATTERY



• N+1 UNIVERSAL FIBER HOLDER

11s

AUTO-
HEATING



ST41

• UPGRADE FOR FAST HEATING

DETACHABLE CLAMP



EASY TO PLACE

• PATENT-OWNED
VARIOUS&COMPABILITY

Connectors: **SC/LC/FC/ST**

One-Piece Moulded Soft
Rubber Covered Body

4.3" Lcd Capacitive Touch Screen
With 380x Magnification



• VFL & POWER METER

STANDARD CONFIGURATION

Name	Model	Quantity	Name	Model	Quantity
Host machine	ST41	1pc	Carrying case	Xt03	1pc
Fiber cleaver	9C+	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	/	1pc	Working table(optional)	/	1pc



Auto-rotate Blade
Fiber Cleaver 9C+



EQUIPMENT PARAMETERS

Model	ST41 use 4 motor
Applicable Fibers	SM(ITU-T G. 652&G. 657).MM(ITU-T G. 651). DS(ITU-T G. 653),NZDS(ITU-T G. 655)
Compatible Fiber/Cable	0.25-3.0mm/ Indoor Cable
Cladding Diameter	80-150 μ m
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: 0.05dB/G657:0.03dB (ITU-T Standard)
Return Loss	≥ 60 dB
Lighting	2 powerful white LEDs
Splicing Time	SM FAST mode: 5s
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	11s
Results Storage	20000 latest records & 200 images
Tension Test	Standard 2.0N
Display	4.3" high resolution display with touch screen
Fiber View & Magnification	X,Y,XY,X/Y: 380X Magnification
Fiber Holder	Multi-function free disassembly fiber clamp
Power Supply	AC Input 100-240V, DC Input 10-15V
Battery Capacity	7200mAh battery capacity
Heating Times	Typical above 320 times (splicing+heating)
Operating Methods	Button/Touch Screen
Automatic Calibration	Automatic ARC calibration by air pressure and temperature
Electrode Life	5000 ARCS
Optional:	Bluetool, Create Splice Loss from 0.1-15dB, Ldentify genuine electrodes
Weight	1.75KG (including rubber bumper)
Dimension	135.1W*205.9L*130.4mm(W*L*H)
Operating Condition	Operating altitude: 0-5000m above sea level, 0-95% relative humiditym -15~50 ℃, max wind 15m/s
Storage Condition	0~95% relative humidity, -40~80℃; battery storage: -20~30℃
VFL	Visual Fault Locator: Power:15mw,2HZ Flashing And Constantly Bright Mode
Power Meter	Wavelength: 850nm、1300nm、1310nm、1490nm、1550nm、1625nm
	Measuring Range:-50+26dbm Absolute Error:<0.3db(-50dbm ~ +3dbm Range)