



# Fujikura 90S+ Kärnlinjerande svets

Komplett kärnlinjerande svets med batteri, fiberkap och hållare

## Funktioner

- 90+S är en kärnlinjerande enkelfibersvets med Active Fusion Control Technology som analyserar kap och svetsresultat.
- Sparar upp till 50% av tiden jämfört med föregångaren 90S
- Bluetooth kommunikation med fiberkapen CT-50
- Delbart bord med förvaringsfack
- En laddning klarar ca 300 svetscykler

## Produktinformation

5" Touch screen

- Ny fiberhållare för Loose tube ger bättre grepp om fibern.
- Elektrodbyte utan verktyg.
- 1 laddning klarar ca 300 svets cykler.
- Kan ladda med batteriet i svetsen.
- Fiberkapen CT-50 med Active Blade Management Technology.
- Nytt portabelt och delbart arbetsbord med förvaringsfack.
- Kerasystemet i 90S identifierar även vilken fibertyp som placerats i svetsen.

## Teknisk information

<b>Produktfärg</b>	Svart
<b>Temperatur, drift [°C]</b>	-10 till +50
<b>Temperatur, lagring [°C]</b>	-40 till +80

## Tekniska detaljer

Item	Specification	
Fiber alignment method	Active core alignment	
Fiber count can be selected	Single fiber	
Applicable fiber	Fiber type	Single mode optical fiber
	Cladding dia.	Multi mode optical fiber
Applicable coating	Sheath clamp	30 to 100µm
		Coating dia. Max. 300µm Clamp length 15 to 18mm *1
Fiber splice performance	Splice loss *2	ITU-T G.652 - Avg. 0.2dB
		ITU-T G.651 - Avg. 0.21dB
	ITU-T G.653 - Avg. 0.26dB	
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Splice time *3	DMFAST mode Avg. 7 to 8sec. AUTO mode Avg. 14 to 15sec.	
Applicable protection sleeve	Splice type	Heat shrinkable sleeve
Sleeve heat performance	Sleeve length	Max. 90mm
	Sleeve dia.	Max. 6.0mm before shrinking
Fiber handle tool force	Heat time *4	40mm dia. mode Avg. 8 to 10sec. 30mm mode Avg. 13 to 15sec.
	Electronic life *5	Approx. 2.0M
Physical description	Dimensions W	Approx. 50x40 (splices)
	Dimensions D	Approx. 1.0mm without projection
	Dimensions H	Approx. 173mm without projection
	Weight	Approx. 180mm without projection Approx. 2.0kg including battery
Environmental condition	Temperature	Operate -10 to 50 degreeC Storage -20 to 60 degreeC
	Humidity	Operate 0 to 90%RH non-condensing Storage 10 to 90%RH non-condensing
	Altitude	Max. 5000m
AC adaptor	Type	AC100 to 240V 50/60Hz, Max. 1.5A
Battery pack	Type	Rechargeable Lithium ion
	Capacity *6	Approx. 500mAh (4.2V/3.6V)
	Temperature	Approx. 300 splices and heat cycles Recharge: 0 to 40 degreeC Storage: -20 to 30 degreeC
Display	Barley dia. *7	Approx. 50.0mm (range approx. 10 to 100mm)
	LCU monitor	1PT & 8 pixels with touch screen
Illumination	Magnification	20X to 30X
	V-grooves	LED lamp
Interface	External LED lamp	USB 2.0 Mini B type
	Ribbon Stripper	USB2.0 A type
Data storage	Splice mode	Approx. 0.20W, 200mA
	Heat mode	Approx. 0.20W
	Splice result	DCTV, Max. 16 characters *11
Screen hole for tripod	Splice mode	100 splice modes
	Splice storage	30 heat modes 20000 splices 100 images 1/4, 20LINC
Other features	Automatic functions	Splice mode selected using fiber type analysis Function error Wind protector, opens and closes Sheath clamp, opens Heater lid, opens and closes
	Reference table	Heater cover, opens and closes Video and PDF file stored in device
	Sheath clamp	Easy sleeve positioning clamp
	Electronic	Responsive without lag

## Artiklar 1

Artikelnamn	E-Nr.	Färg	Dimensioner [mm]	Vikt [kg]	Leveransform
Fibersvets Fujikura FSM-90S+ KIT Inkl. Fiberkap och batteri HA-FSM-90S+-KIT	1664892	Svart	170x173x150	2.8	Väska