



# KF4

## Active V-Groove Alignment



## Benefits and Features

### Versatility **MAXIMUM**

- Active V-Groove Alignment / Metro, Access Network and FTTH & Universal Fiber Holders

### Size & Weight **MINIMUM**

- World's Most Compact Active V-Groove Fusion Splicer

### Economy **OPTIMUM**

- The best quality, ***budget priced*** - Make your every penny count!

### Optional



### Work Belt



## Specification

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS, Active V-Groove Alignment
Applicable type of fibers	0.25mm, 0.9mm, 2.0mm, 3.0mm Indoor cable
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter : 125 $\mu$ m, Coating diameter : 150 $\mu$ m~3mm
Fiber setting and cleaved length	5mm to 16mm
Splicing modes	Splice mode: 300, Heat mode: 100
Typical splice Loss	SM: 0.02dB, MM: 0.01dB, DS:0.04dB, NZDS: 0.04dB
Return loss	> 60dB
Splicing time	Typical 7sec with SM
Splice loss estimate	Available
Sleeve heating time	Typical 13sec with IS-60 mode, IS-60 sleeve
Applicable protection sleeve	60mm, 40mm and micro sleeves
Storage of splice result	Data : 5,000ea Up to, Image : 5,000ea Up to
Tension test	1.96N to 2.25N
Operating condition	Altitude : 0 to 5,000m above sea level, Temperature : -10 to 50deg C, Wind : 15m/sec Humidity : 0 to 95% RH, non-Condensation, dust proof, water proof, shock proof
Storage condition	Temperature: -40 $^{\circ}$ C~80 $^{\circ}$ C, Humidity: 0~95%
Dimension	124(W) x 189(L) x 75(H)mm (Without rubber protector)
Weight	1.1kg(Including battery)
Viewing method and display	2 AXIS Two CMOS cameras with 4.3-inch color LCD monitor
Fiber view and magnification	X/Y : 130X , Max :260X
Power supply	Li-ion Battery(DC 14.8V, 3400mAh), 100 ~ 240V AC Charger
No. of splice cycles with battery	Typical 200 cycles
Electrode life	3,000 splices
Terminals	USB

## Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	KF4	1
Battery Adapter	FY1701000	1
Spare Electrode	EI-24	1 pair
Cooling Tray	CT-01(40mm)	1
User Guide CD	-	1
Carrying Case	ILST-SS03(L) Soft Case	1
Battery	KF-3400	1
Cleaver	CI-01	1
Alcohol Dispenser	PP	1
Screw Driver	LD-3300	1
Manual Stripper	CF-02	1
USB Cable	-	1

## Option Package

CATEGORY	MODEL
Cleaver Blade	BI-05
Electrode	EI-24
Battery	KF-3400
Work Belt	WB-01
Sleeve	S09-C, S09, S30-C, S30
Sleeving Clamp	SC-01
SOC Connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)
Fiber Holder	HS-250, HS-900, HS-2.5, HS-IN, HF4-SC/FC, HF4-ST, HF4-LC, LS-900 (choose one)
Carrying Case	Hard Case(HC-11)
External Power	DC 12V Available for car cigar jack
Work Table	WK-02
Alcohol Dispenser	POM

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