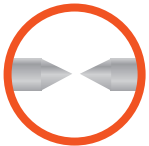


ALL-IN-ONE PRODUCT



ROTATING BLADE ALLOWS
UP TO **77,000** CLEAVES



ELECTRODE LIFE
UP TO **38,000**



BENEFITS AND FEATURES

Remote maintenance via internet

Integrates 5 functions in one unit (stripping, cleaning, cleaving, splicing and protecting)

The All-In-One system provides the most efficient use of space in any work environment compared to traditional solutions

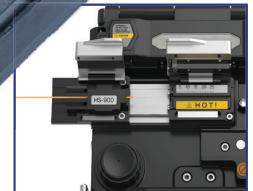
Internally-installed Visual Fault Finder (VFF1) utilizes a 650nm red laser to locate and visibly display any failure points throughout the cable

InGaAs (indium, gallium, arsenide) power meter can detect the amount of power lost during transmission, helping potential errors to be corrected before the cable goes into use

State of the art thermal stripper saves time and eliminates fiber scratching and damage with a typical stripping time of 1.5 seconds

High degree of reliability and stable performance even in harsh environments

Ideal for enterprise, data centers, broadband and FTTH network applications



STRIPPING



CLEAVING



CLEANING



WORK BELT



FUSION SPLICE-ON
CONNECTORS



SPECIFICATIONS

KF4AV

| CATEGORY | DESCRIPTION |
|-----------------------------------|--|
| Fiber alignment | IPAAS Clad to Clad Alignment |
| Applicable type of fibres | 0.25mm; 0.9mm; 2.0mm; 3.0mm indoor cable |
| Fiber count | Single fiber |
| Applicable fiber dimensions | Cladding diameter: 125µm; Coating diameter: 150µm-3mm |
| Fiber setting and cleaved length | 7mm to 16mm (0.28in to 0.63in) |
| 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 7 sec. with SM |
| Splice loss estimate | Available |
| Sleeve heating time | Typical 13 sec. with IS-60 mode, IS-60 sleeve |
| Applicable protection sleeve | 40mm (2.4in); 60mm (1.5in) micro sleeve |
| Storage of splice result | Data: up to 5,000 ea; Image: up to 5,000 ea |
| Tension test | 1.96N to 2.25N |
| Operating condition | Altitude: 0-5,000m above sea level; Temperature: -10°C~50°C (14°F~122°F); Humidity: 0-95%; Wind: 15m/s, non-condensing, dust proof, water proof, shock proof |
| Storage condition | Temperature: -40°C~80°C (40°F~176°F); Humidity: 0-95% |
| Dimension | 132(W) x 212(L) x 73(H)mm (without rubber protector) |
| Weight | 1.5kg (including battery) |
| Viewing method and display | 2 AXIS Two CMOS cameras with 109mm (4.3in) color LCD monitor |
| Fiber view and magnification | X/Y: 110X; Max: 220X |
| Power supply | Li-ion battery (DC 14.8V, 3400mAh); 100~240V AC charger |
| No. of splice cycles with battery | Typical 200 cycles |
| Electrode life | Up to 38,000 splices |
| Blade life | Up to 77,000 cleaves |
| Terminals | USB |



STANDARD PACKAGE

| CATEGORY | MODEL | Q'TY |
|----------------------|---------------------|--------|
| Arc fusion splicer | SWIFT KF4AV | 1 |
| Battery | KF-3400 | 1 |
| Battery adapter | FY1701000 | 1 |
| Instructions for use | — | 1 |
| Spare electrode | EI-24 | 1 pair |
| Transporting case | HC-11 (hard case) | 1 |
| Optical fiber holder | — | 1 pair |
| Sleeve clamp | SC-01 | 1 |
| Cooling tray | CT-01 (40mm(1.5in)) | 1 |
| Allen wrench | LD-3300 | 1 |
| USB cable | — | 1 |
| Hard brush | — | 1 |
| Soft brush | — | 1 |
| Tool box | — | 1 |
| Tweezer | — | 1 |



OPTIONAL ACCESSORIES

| CATEGORY | MODEL |
|----------------------|--|
| Battery | KF-3400 |
| Cleaver blade | BI-07 |
| Electrode | EI-24 |
| Transporting case | ILST-SS03(L) (soft case) |
| Work belt | WB-01 |
| Sleeve | S09-C, S09, S30-C, S30 |
| SOC connector | SC, LC, FC, ST |
| Manual stripper | CF-02 |
| External power | DC 12V (available for car cigar jack) |
| Optical fiber holder | HS-250, HS-900, HS-2.5, HS-IN, KF4-SC/FC, KF4-ST-01, KF4-ILC, LS-900 (choose one), ROC-900, SST-900L, SST-250L, 580-900, 500-900 |

* Design, standard/optional package and specification shown above are subject to change with or without notice.

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