

# Fusion Splicer Eloik

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## Variants

ALK-88A ALK 88A+

## Details

## Fusion Splicer Specifications

This fusion splicer is designed for precise optical fiber splicing with low splice loss, fast heating, and stable field performance. It supports multiple fiber types and offers a multi-functional fiber holder for different cable sizes.

## Technical Specifications

Parameter	Specification
Applicable Optical Fiber Types	SM (G.652 / G.657), MM (G.651), DS (G.653), NZDS (G.655), EDF, BIF / UBIF
Applicable Fiber Core Number	Single Core
Applicable Fiber Diameter	Cladding Diameter: 80–150 $\mu$ m Coating Diameter: 100–1000 $\mu$ m
Fusion Splice Mode	Preset: 8 groups User Define: 792 groups
Average Fusion Splice Loss	SM: 0.02 dB, MM: 0.01 dB, DS: 0.04 dB, NZDS: 0.04 dB
Return Loss	Better than 60 dB
Fusion Splice Duration	9 sec (Typical) / 7 sec (Fast Mode)
Splice Loss Estimation	Available

Tension Test	2 N or more (optional)
Monitor	4.3-inch LCD Screen
Language	10 languages: Chinese, English, French, Spanish, Russian, German, Polish, Italian, Portuguese, Thai
Fiber Magnification	X / Y: 180× X or Y: 350×
Power Supply	13.5V / 5A Power Adapter
Battery	6800 mAh lithium battery More than 280 splice & heat cycles Charging time: 2 hours Rechargeable up to 500 times
Splice Results Storage	10,000 records Splice image: optional
Data Interface	USB 2.0
Operating Environment	Elevation: 0–5000 m Relative Humidity: 0–95% Temperature: -20°C to +55°C Maximum Wind Speed: 15 m/s
Storage Environment	Relative Humidity: 0–95% Temperature: -40°C to +80°C (except battery) Battery Storage Temperature: -10°C to +40°C
Size	167 × 154 × 141 mm
Weight	1.73 kg (without battery), 2.14 kg (with battery)
Fiber Holder	Multi-functional holder (250 ?m, 900 ?m, 2–3 mm) SC / LC / FC holder optional

Applicable Sleeve Length	60 mm, 50 mm, 45 mm, 40 mm, 25 mm (FP-03)
Heating Time	9 sec fast heating (customizable)
Heating Temperature	10–260°C (customizable)