

# D-TECH Fusion Splicer SM

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## Variants

K95 K45 K60 Air 1

## Details

# D-TECH Fusion Splicer

## Specifications

Category	Specification
Fiber Types	SMF (G.652), MMF (G.651), DSF (G.653), NZDSF (G.655), BIF (G.657)
Fiber Diameter	Cladding: 80–150µm, Coating: 100–3000µm
Cleave Length	5–16mm (<250µm coating), 10mm (0.25–3mm coating)
Splice Loss	SMF: 0.03dB, MMF: 0.02dB, DSF: 0.05dB, NZDSF: 0.05dB, BIF: 0.03dB
Return Loss	> 60dB
Splicing Time	7 sec (Quick), 10 sec (Auto)
Heating Time	15–18 sec (40mm / 60mm sleeves)
Battery Cycles	Approx. 400 splice & heat cycles
Fiber View	2 CMOS cameras, 240X (X/Y single), 160X (dual axis)
Tension Test	1.96–2.25N
Protection Sleeve	60mm, 40mm and more

Operation Mode	Manual / Auto
Splice Programs	Max 304 (18 preset, 286 editable)
Heating Programs	Max 104 (11 preset, 93 editable)
Data Storage	30,000 splice records
Fiber Holder	3-in-1 (250µm, 900µm, 2–3mm cable)
Auto Functions	Arc, Motor, Electrodes, Self-test
Display	4.3" Touch Screen LCD
Size	120 × 130 × 154 mm
Weight	1.95 kg (with battery), 1.65 kg (without)
Ports	USB 2.0, SD Card
Power Supply	DC 10–15V / AC 100–240V
Battery	Li-ion 11.1V, 6800mAh
Operating Condition	-20~50°C, 0–95% RH, up to 6000m altitude
Electrode Life	5000 arcs