

Code: FS-280G

OPTICAL FIBER FUSION SPLICER **FS-280G**

The FS-280G optical fiber fusion splicer uses the high-speed image process technology and special exact orientation technology, so that the whole process of fiber's fusion can be finished in 10 seconds automatically.

Built-in LCD monitor makes great visibility of spliced fibers and cores adjusting. Because of light weight, AC and DC power supply, powerful battery and resistance to environment external conditions splicer is the perfect device to use in all telecommunications, cable TV and CCTV installations.



Fiber optic type:	Multi-Mode (MM) 50/125 / 62.5/125 μ m Single-Mode (SM) standard (G.652) Single-Mode (NZ-DSF) Non-Zero Dispersion Shifted Fiber (G.655)
Cladding diameter:	80 ... 125 μ m
Outer coating diameter:	0.1 ... 1 mm
Fiber cleaved length:	8 ... 16 mm
Orientation technology:	core alignment, cladding alignment, fine alignment
Display:	5.7 " LCD, color Image: display X and Y axis simultaneously
Average fusion loss:	0.01 dB (MM) 0.02 dB (SM) 0.04 dB (NZDS) 0.4 dB (DS)
Average fusion time:	9 s (standard single-mode fiber)
Average heat time:	30 s
Fusion programs:	53 (factory mode), 40 (user mode)
Protection sleeves heating methods:	9 (factory mode), 24 (user mode)
Internal light:	✓

Internal heater:	✓
Set fusions parameters:	• Surface angle test • fiber forward • prefuse power • prefuse time • arc power • arc time, etc
Fusion storage:	4000 results - 20 parameters for single result
Computer interface:	USB / VGA
Power supply:	13.5 V DC / 5 A (power adapter included)
Battery power supply:	10.8 V Li-Pol battery, 8000 mAh
Electrodes lifetime:	~ 2500 fusions
Operation temp:	-10 °C ... 50 °C
Permissible relative humidity:	< 95 % (non-condensing)
Weight:	3.31 kg
Dimensions:	180 x 166 x 175 mm
Dimensions / weight of the kit with the case:	480 x 260 x 285 mm / 6.63 kg
Guarantee:	2 years