

Code: FS-280

OPTICAL FIBER FUSION SPLICER **FS-280**

The FS-280 optical fiber fusion splicer is an improve version of the FS-260 model.

The FS-280 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 20 seconds automatically. Built-in swivel LCD display provides excellent visibility of spliced fibers and fiber cores position.

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:	125 μ m
Outer coating diameter:	0.2 ... 1.5 mm
Fiber cleaved length:	16 mm
Orientation technology:	core alignment
Display:	5 " LCD, color Image: display X and Y axis simultaneously
Average fusion loss:	0.01 dB (MM) 0.02 dB (SM) 0.04 dB (NZ-DSF)
Average fusion time:	9 s
Average heat time:	30 s
Fusion programs:	20 (10 for MM, 10 for SM)
Internal light:	✓
Internal heater:	✓

Set fusions parameters:	• Surface angle test • fiber forward • prefuse power • prefuse time • arc power • arc time, etc
Fusion storage:	5000 results
Computer interface:	RS-232 interface
Power supply:	80 ... 240 V AC / 50 ... 60 Hz 12 V DC / 2 A battery
Electrodes lifetime:	5000 fusions
Operation temp:	-10 °C ... 40 °C
Storage temperature:	-40 °C ... 60 °C
Permissible relative humidity:	< 95 % (non-condensing)
Weight:	3.63 kg
Dimensions:	176 x 150 x 200 mm
Guarantee:	2 years