



# Precision Rated Optics

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## PRO-790 Fusion Splicer



*PRO custom fits fiber holders for the PRO-790, to match your specs of your choice for the splice-on-connectors*

PRO-790 is a light weight, small and fast FTTH Fusion Splicer, which is designed to splice bare fiber, pigtail, patch cord, Optical fiber drop cable and SC,FC,LC connector by different fiber holders equipped. It is designed for Fusion Splicing and Splice-on connector of FTTH network application.

The Kit includes: Fusion Splicer, Charger, Spare Electrodes, Cooling Tray, Operating Manual, Carry Case, Fiber Cleaver, Fiber Strippers, Fiber Stripper for Drop Cable, Fiber Holders

### SPECIFICATIONS

<b>Applicable Fibers</b>	SM, MM, DS, NZ-DS(G655), G655,G657 and others
<b>Fiber Diameter</b>	Cladding Diameter: 80-150 um; Coating Diameter: 100~1000 um
<b>Average Splice Loss</b>	0.03db(MM),0.05db(SM),0.08db (DS/NZDS/G.655/G.657)
<b>Return loss</b>	60dB
<b>Tension Test</b>	2.0N
<b>Splice Time</b>	8 seconds
<b>Protection sleeve length</b>	25mm, 40mm, 50mm
<b>Heater Time</b>	35 Sec.
<b>Splicing program</b>	Manual or Automatic Setting
<b>Alignment</b>	Fixed V - Groove (Clad to Clad) (manual adjustment for the V-groove, to simulate core alignment)
<b>Fiber Holder</b>	Suitable for the Splice of bare fiber (250 to 900um), pigtail ,patch cord, Optical fiber drop cable and SC,FC,LC connector
<b>Display</b>	Color3.5 Inch TFT, 200 magnifications
<b>Interface</b>	USB
<b>Splice Memory</b>	10000
<b>Electrode Span</b>	5000 times
<b>Operating Temp</b>	-18°C ~ 50°C
<b>Storage Temp</b>	-40°C ~ +80°C
<b>Window Protection</b>	Max. wind velocity of 15m/s
<b>Power Supply</b>	Internal Li-Battery, DC adaptor
<b>Battery Capacity</b>	More than 120 times of continuous splices and heats
<b>Dimension</b>	120mm(L) x 120mm(W) x 115mm(H)
<b>Weight</b>	1.7KG (Include battery)