EZ7 Fusion Splicer

Possible Error Messages & Trouble Shooting & Technical Data

Error message	Reason for error message	Action to resolve
Calibrate again	Calibration failed	Do a new calibration
Clean electrodes	Calibration failed 3 times	Clean the electrodes. First use the electronic clean in the menu (up to 7-8 times). And if that is not sufficient not also clean mechanically with a small knife.
Close the lid	Lid is open	Close the lid
Battery empty	Battery is empty	Connect the charger and continue working
Bad fiber	Can not detect 2 good looking fibers	Fiber dirty, broken or faulty
Too much offset	V-grove is dirty	Clean V-grove
Offset 20µm	V-grove is dirty	Clean V-grove
angle=0,5 angle=2,5	Cleaver didn't cut correctly	Too big angle made by a bad cleave. Simply strip and cleave again
Clean V-grove	V-grove is dirty	Clean V-grove
Bad splice	Auto estimation didn't approve the splice	The splice doesn't look good. Redo the splice (or check with a loss meter)
Est. loss: >0,1dB	The splice failed	Do a calibration on a new clean fiber and than redo the splice
Right fiber missing	Right fiber is missing or poorly placed	Splicer can not detect a good looking fiber on the right side. Redo, replace
Left fiber missing	left fiber is missing or poorly placed	Splicer can not detect a good looking fiber on the right side. Redo, replace
Right fiber dirty	Rigth fiber is dirty	Strip, clean and cleave the fiber again
Left fiber dirty	Left fiber is dirty	Strip, clean and cleave the fiber again

EZ7 Technical Data:

Weigth: ..... 800g / 4.3 lbs
Dimensions(LxWxH): ..... 230x98x53mm / 9.05x3.85x2in
Alignement: ..... axial: automatic
radial: fixed V-groove
Fusion technique: ..... Fusion splice
Splice process: ..... automatic
Typical Loss: ..... Singlemode 0,03dB
Multimode 0,01dB
Splice programs: ..... 3 predefined:

1 Singlemode
2 Multimode
3 OM1

Fiber handling: ..... fiber holders, 2 pairs (250µ in Black and 900µ in Blue)
Optional: 900µ- red for loose coat/loose tube
Typical cycle time: ..... 7 sec for one splice cycle + oven cycle
25-80 seconds for one oven cycle (adjustable in unit, typ. 30sec.)
Display: ..... 2.8" Color TFT Display
Magnification: ..... Camera with 140x magnification
Crimptool: ..... included in type HS15C
Heat shrink oven: ..... included in type HS15O
For sleeve dimensions with max. 60mm length, 2-5mm diameter
Power source: ..... Battery: 7.4V/3000mAh.
..... Type: Li- Ion
Power supply: ..... Wall power supply:
• ..... Input: 100V-240V AC
• ..... Output: 6V DC/ 1,25A
Communication: ..... USB with mini USB-connector
Memory: ..... Internal 1MB, external SD-card with 4GB
Operation environment: ..... Temperature: 0°C - 45°C, Humidity: max. 95% RH
Stock conditions: ..... Temperature -20°C - 60°C, Humidity max. 98% RH