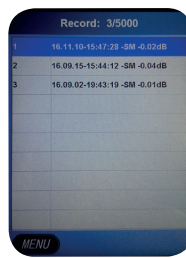
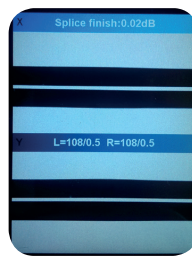
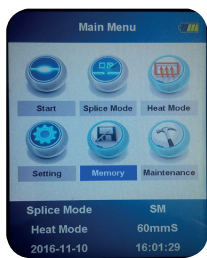


232103 Professional Fusion Splicer Kit

Professional core alignment fusion splicer which incorporates SIX alignment engines to work in different axis during the **splice process**. It makes a perfect **splice** within **8 seconds**. Its transport case is made from **high durability ABS**, and also can be used as a **work surface**.



- **Small weight and dimensions**, it includes all necessary accessories.
- Protection bumper made in high quality and density rubber which provide **high resistance to impacts**.
- Designed for **harsh environments** like strong winds, waterproof and adverse environmental conditions.
- **User friendly and intuitive** interface.
- **Automatically detects problems** before the splice is done as it **measures the angles** in which fiber has been cut (maybe pointing at a fault with the cleaver) and **faults** with the fiber (usually dust).
- It will also **make sure the splice has been correctly completed** by completing a **tensile strength test**

Features

- Core alignment system.
- 360° wind protection, dust protection and moisture prevention.
- Splicing process will start automatically once the cover is closed.
- 8 second splice time.
- Splice test by tensile strength.
- Automatic calibration for altitude and atmospheric pressure changes.
- Oven activates upon insertion of protection sleeve.
- Splice data and images are automatically saved to data file.
- More than 250 splices / heat cycles on a battery charge.
- 3.7" LCD display (640 x 480 resolution)
- 7800 mAh long life battery.
- Overheat protection.
- Intuitive operation.
- Multiple modes of operation.
- Case doubles as a splicing work station.

232103 Professional Fusion Splicer Kit

Accessories included in the kit:

- New fiber cleaver with removable scrap container (up to 16,000 cuts)
- 125, 250 and 900µm fiber stripper
- 12VDC power supply and 12V car adapter
- Carrying handle and shoulder strap
- Replaceable lithium battery
- Isopropyl alcohol container with dispenser
- Plastic tweezers
- Fiber splice stand
- 2 sets spare electrodes
- 2 sets spare fiber holders
- Interchangeable head for pre-configured connectors fusions



COMPLETE KIT

Reference / Art. Nr.	232103 / OSSGN	
General		
Average loss per splice	dB	0.02 @ single-mode fiber (SM) 0.01 @ multi-mode fiber (MM) 0.04 @ DS & NZDS fiber
Average time per splice		8 seconds
Average time for the heat-shrink sleeve heating		28 seconds
Fusion programs		11 (SM ,MM, NZ, DS and BIF) pre-configured 89 free
Oven programs		10 pre-configured 40 free
Fiber alignment		3 AXIS Core X-Y-Z
Screen		3.7" colour LCD, 640x480
Lens magnification		Axis X+Axis Y=155 Axis X or Axis Y=310
Languages		Spanish, English
Electrodes life cycle	operations	4000 (aprox) 8000 (with replacement)
Sensors		
Internal		Inner temperature, pressure, altitude and oven temperature
Interfaces		
Mini USB		Upgrade and datalog download
Powering		
Voltage	Vac	100 - 240
Frequency	Hz	50 / 60
Battery with level meter		Li-ION (11.1V and 7800mAh)
Battery range	operations	250 (aprox) (splicing and heating)
Operating range		
Operating temperature	°C	-10 ...+50
Relative humidity	%	< 95%
Working height	m	0 - 5000 m, 0 - 16,900 ft
General		
Weight	Slicer	1800 g (without battery), 3.9 lbs
	Battery	530 g, 1.2 lbs
	Complete kit	6800 g (with briefcase and accessories) 15 lbs
Dimensions (W x H x D)		136 x 160 x 164 mm, 5.3 x 6.2 x 6.5 in

FRONT VIEW



SPLICER AREA DETAIL



ACCOMMODATION SLOTS WORK AS A WORK SURFACE

