

# HANDHELD SPLICER

## F.O. FUSION BY ELECTRIC ARC

REF.	ART. NR.	DESCRIPTION	EAN 13
232130	OHSG	F.O. KIT FUSION HANDHELD SPLICER	8424450183014



Handheld fusion splicer capable of doing a **splice in 7 seconds**. Easy to carry thanks to its **small weight and dimensions**. The product also includes a carry case with all the necessary accessories. Its **interface is very user friendly and intuitive**, all actions can be performed with just 3 buttons.




It **automatically detects problems** before the splice is done as it **measures the angles** in which the fibre has been cut (maybe pointing at a fault with the cleaver) and **faults** with the fibre (usually dust).

It will also **make sure the splice has been correctly done** by checking the spliced fibre **by pulling** and **measuring the optical losses**.

Besides, it will also do the following:

- Alignment of the fibre for cladding
- Start the splicing process automatically once the cover is closed
- Calibration by insertion of one fibre
- Automatically clean the electrodes
- Saving a log with the information of the splice that can be afterwards exported to a different format
- Up to 60 splices/protection sleeve heating from a single full battery charge and possibility of re-charging battery whilst using the splicer



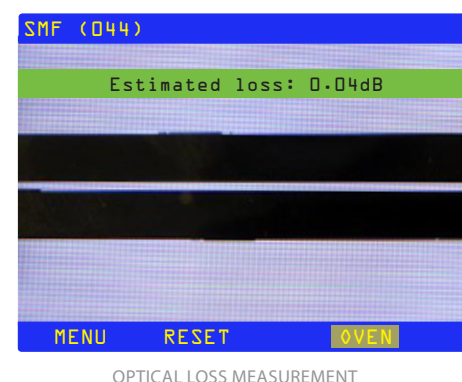
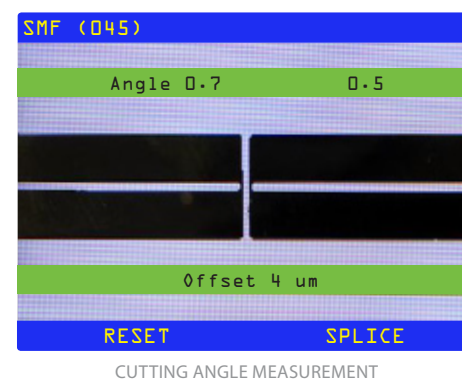
REF.	ART. NR.	 mm	 kg	 Pack u.
232130	OHSG	98 x 230 x 53 <sup>(1)</sup>	0.8 <sup>(1)</sup>	1
		280 x 340 x 80 <sup>(2)</sup>	2.0 <sup>(2)</sup>	

(1) Splicer

(2) Transport case



Reference / Art. Nr.		232130 / OHSG
<b>General</b>		
Average loss per splice	dB	0,03 @ Single Mode fibre 0,01 @ Multi Mode fibre
Average time per splice	s	7
Average time for the heat-shrink sleeve heating	s	60 @ cannula: 45mm 90 @ cannula: 60mm
Fusion programmes		2 pre-configured programmes (SM and MM)
Fibre alignment		By cladding: Axial (automatic) Radial (fixed, over V-Groove)
Screen		2,8" colour LCD, 320x240p
Lens magnification		140x
Languages		Spanish, English, German, French, Italian, Polish, Russian, Dutch, Swedish, Czech, Turkish
<b>Interfaces</b>		
Mini USB		Updates
External SD (not included)		Save and export fusion data
<b>Powering</b>		
Mains voltage	Vac	100 - 240
Mains frequency	Hz	50 / 60
Battery		Li-ION (7,4V & 3000mAh)
<b>Operating range</b>		
Operating temperature	°C	0 ... 45
Storage temperature	°C	-20 ... 60
Relative humidity	%	< 95%



Included accessories with the splicer:

- Fibre cleaver (cutter for 16.000 cuts)
- Fibre stripper (pre-adjusted to 250 and 900µm)
- Set of bolsters for fibers of 250µm (black) and 900µm (blue)
- AC/DC adapter
- Transport case

