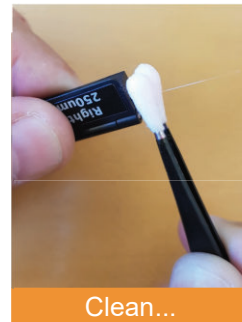# EasySplicer PRO

Fusion Splicer

Strip...

Clean...

Cleave...

* **Fusion splicing made easy and affordable with the EasySplicer PRO**
* **X/Y core positioning, dual Cameras**
* **Operates with separate fiberholders compatible with all types of fibercables**
* **For both Singlemode and Multimode fibres**
* **Splicing time of 6 seconds and oven time about 25 seconds.**
* **Loss estimation and pull test of performed splices.**
* **Long life electrodes (4k splices) and high altitude splicing (5000m)**
* **Easy to use and to carry along**
* **Perfect for the FTTH installer**

SBSCANDINAVIA

EasySplicer PRO

Fusion Splicer

EasySplicer PRO is X/Y core positioning, dual camera Fusion Splicer, designed for daily operation in fiber optic Networks.
It´s small and handy, easy to bring along to any kind of work.
The whole system can be operated in its carrying-case to prevent dirt and dust from reaching the sensitive parts in the fusion splicer.
The design is made very rugged and even if splicing should take place under good conditions (indoors) the **EasySplicer PRO** is also intended to be used out in the field.

The **EasySPlicer Pro** is unique in such a way that it is using separate fiberholders for the various cables on the market. The holders make it very easy to prepare and load the fiber into the splicer. A big advantage is the fact that You can mix fibers and get very nice looking (and working) cable-splices. For ex. mix dropcables with "Splice on Connectors" and get seamless connections.

The precision of the unit is extremely high. It makes typical splicing with a loss of 0,02 dB (Single mode). After splicing it pull tests the splice and makes a loss estimation of the splice.
Pre-splice information is also provided and displayed on the screen (like; Bad fiber , Dirty fiber and Too much offset).

EasySplicer PRO is constantly calibrating itself for environment changes (like; moisture, air pressure and temperature). This can also be done manually, for ex. when starting the work of the day.

EasySplicer PRO comes with a ceramic/teflon-oven which also is ready for SOC-connectors (Splice on Connectors).

The battery-pack inside the unit is small but very powerful. The unit can perform some 200 splice-cycles (with oven) before it needs to be recharged.

Technical specification

Splicing method:	Core positioning (X/Y).
Fiber Types:	SMF, MMF 50/125µm and 62.5/125µm fiber, 250µm primary and 900µm secondary coated fiber.
Fiber Handling:	Fiber holders, 3 pairs (250, 900 and loose tube). Optional for any cable-type (drop-cable, 2mm, 3mm, Splice on connectors and so on.
Calibration:	Automatic (temperature and air pressure) or manually.
Splice Programs:	40 groups.
Operation, modes:	Automatic or Manual.
Typical Splice Loss:	0.02dB SMF, 0.01dB MMF.
Return loss:	>60dB
Tension test:	Yes, 1.8-2.2N.
Typical Cycle Time:	6s + 25s (splice + oven cycle 40/60mm).
Sleeve Dimensions	Max 64mm length, 2-7mm diameter supported by oven.
Display:	LCD, color, 4.3".
Oven:	Ceramic/teflon-type. 40/60mm sleeves in about 25 sec.
Electrodes, life:	>4000 splices.
Magnification Cameras:	x250 (X or Y) x125 (X and Y together)
Communication:	USB 2.0 for uploading splice info and upgrade.
Splice memory:	4000 results internally.
Altitude Compensation:	Automatic up to 4000 meters altitude with compensation for moisture and temperature.
Operating Environment	-10C +50°C, max 95% RH, non-condensing.
Size:	149x120x127mm.
Weight:	1.9kg.
Power Sources:	External power supply, 13.5V, 100-240VAC (50-60Hz). Built in 5800mAh Li-Ion battery pack.
Splicing Capacity:	200 splices with oven cycles.
Additional Features:	Loss estimation, Fiber fault detection, SD-card for logging etc.

Included parts:
* Oven (Built in).
* 3 pairs of fiber holders, 250um 900um and loose tube.
* Cleaver with bin (trash can).
* Stripper.
* Rechargeable battery pack (Built in).
* Powersupply.
* Carrying case.

Optional accessories:
* Car charger.
* Powerbank charger.
* SOC holders.

SBSCANDINAVIA