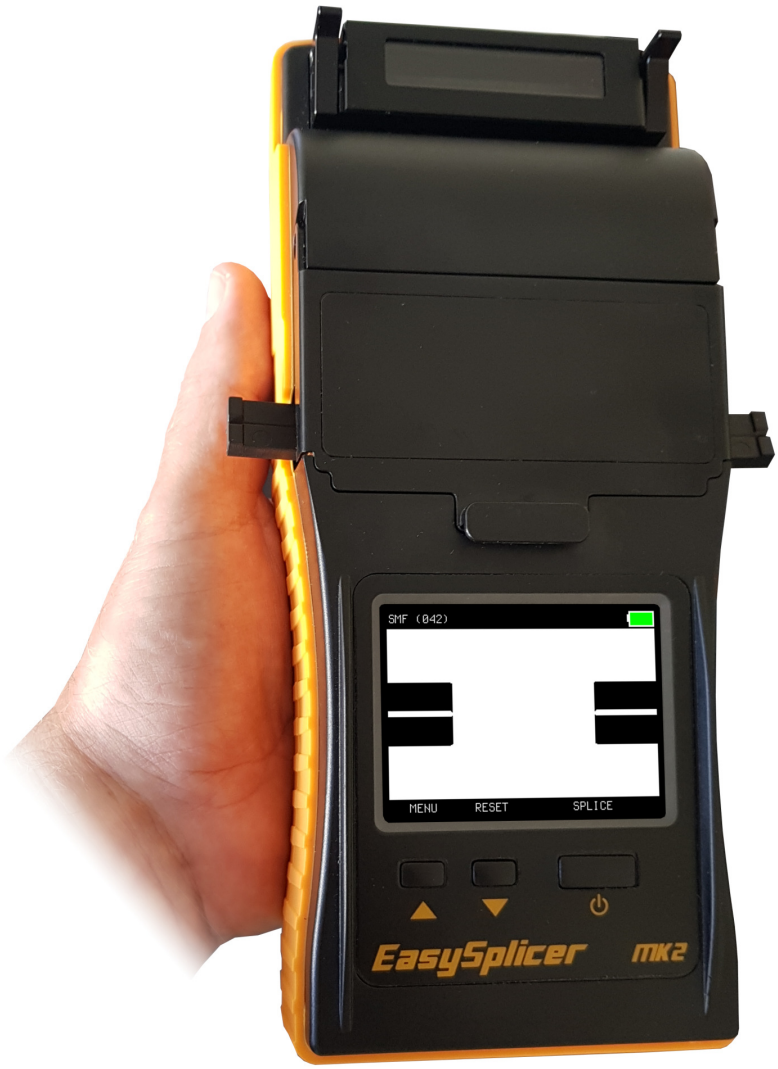
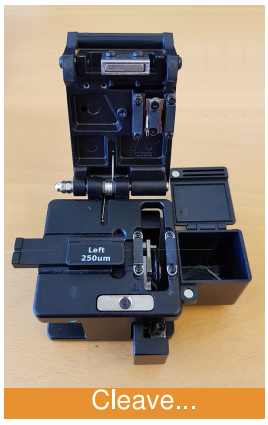
EasySplicer mk2

Fusion Splicer




Strip...


Clean...



Cleave...

* **Fusion splicing made easy and affordable with the EasySplicer mk2.**
* **For both Singlemode and Multimode fibers.**
* **Splicing time of less then 7 seconds.**
* **Loss estimation.**
* **Pull test of performed splices.**
* **Built in oven.**
* **Easy to use and to carry along.**
* **Perfect for the FTTH installer.**

EasySplicer mk2

Fusion Splicer

EasySplicer mk2 is a Swedish made Fusion Splicer, designed for working daily with fiber optic installations.

It´s small and handy to bring along to any kind of work. The construction is made very rugged and even if splicing should take place under good conditions (indoors) it is still designed to be used out in the field.

EasySplicer mk2 differs a bit from other Fusion Splicers as it is made with focus on the installer/user. Many of the Splicers on the market are, even if very competent, difficult to use and require a lot of education before they can be operated.

EasySplicer mk2 is very easy to learn how to use. It doesn´t take more than an hour for anyone to learn and start working with it.

EasySplicer mk2 operates with three buttons only and mostly the user only have to use the main button to perform the splicing. Still, the precision of the unit is extremely high. It makes typical splicing with a loss of 0,03 dB (Single mode). After splicing it pull tests the splice and makes a loss estimation of the splice were it also tells if something is wrong. Such information is also provided before splicing (like; "Bad fiber", "Dirty fiber" and "Too much offset").

The battery-pack inside the unit is small but very powerful. The unit can perform some 60 splices before it needs to be recharged. Extra battery-packs can also be sold separately (and easily be exchanged in the unit by the installer).

EasySplicer mk2 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. Calibration is very easily performed (within seconds) and makes sure that the splicing is made perfect.

EasySplicer mk2 is using the V-grove method for splicing (same as Ribbon-splicers are using) which has made it possible to keep the size small of the unit. It is easy to service and maintain (even by the user). In all it makes this unit extremely cost effective.

EasySplicer Fixed is one of the most inexpensive splicers on the market, yet with a performance of 3-4 times more expensive units.

EasySplicer mk2 is upgraded with a ceramic/teflon-heater which also is ready for SOC-connectors (Splice on Connectors).

The EasySplicer mk2 is truly a grand innovation for making Fiber optic networks. It will revolutionary the ease to build such networks and it will cut the costs for the customers which will generate more work for the installers !

Technical specification

Splicing method	V-groove (cladding alignment).
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).
Splice Programs	3 pre-defined. SMF, MMF, OM1.
Typical Splice Loss	0.03dB SMF, 0.01dB MMF.
Altitude Compensation	Automatic up to 4100 meters altitude with compensation for moisture and temperature.
Typical Cycle Time	7s + 35s (splice + oven cycle).
Sleeve Dimensions	Max 64mm length, 2-7mm diameter supported by oven.
Communication	USB, mini usb plug.
Memory	Internal 1MB, External SD-Card.
Display	LCD, color, 2.8", 320x240 pixels.
Oven	Ceramic/teflon-type. 40mm sleeves in about 35 sec.
Magnification	Camera 140x.
Operating Environment	0-45°C, max 95% RH, **non-condensing.**
Size	230x98x53mm.
Weight	800g.
Power Sources	External power supply, 6V, 1.5A, 100-240VAC 50-60Hz, Built in 3400mAh Li-Ion battery pack.
Splicing Capacity	60 splice + 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:
* Soft carrying case.
* Car charger.
* Powerbank charger.
* SOC holders.

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