

**orca**<sup>®</sup>



# *Fuse*<sup>™</sup>6

The Real Core Alignment Splicer

**Strong performance,  
High-end processor,**



**THE  
FAST**

# FUSE 6

## The Real Core Splicer

17\*17\*14 Cm  
Size inc. protector

2.6 Kg With battery & protector

13 Functional Keypad

5,500 Electrode life



5 Inch  
Tempered Glass color Display

x500 Magnification

307,200 Pixels

Full touch  
User Interface



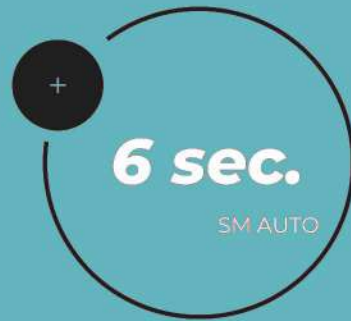
## Ready for work

Boot & warm up



## Save you time

Splicing



## Finish your work

# in 30 Sec.

## Automate your work

Cutting Fiber & Saving data



## Faster & Stronger

Boost heating



# Splicer **Meets** Mobile.

Easy Connection  
Automatic Data Sync. (Splicer & Mobile & Cloud server)  
Unlimited Cloud data Storage  
Authorized & Secure Google & Amazon server  
GDPR compliance



NFC Tag  
QR Scan



## Easy & Quick Data management

Just one tag,  
you will be connected

Just click the App,  
Data will be synchronized.



## Work Location Tracking

Wherever you work, we remember it

Wherever you work, we save your work data



## Tempered Glass Monitor

+ Monitor protector



## Rubber protector

+ Heater protector



## Modular Parts

Maximize durability & reliability

Easy Assy' & Remove



Magnet heating block  
**Compatible with  
All connectors &  
cables**

Make your Cable straight,  
**Zero-Bending Loss**

Wide Heating Plate  
**Splice On Connector  
Assy' level UP!**



**Calibration bar**

Heat spreading range

# KLIV 1+

## High precision Fiber Cleaver



0.5°

Cutting angle



50,000

Blade life

AUTO

Push-back  
Chip collector



ALL Fibers

250Um ~ 3.2mm



# Accessories

Make your work  
Easy & Efficient



**orca**<sup>®</sup>

**Orca Networking**

Strada del Portone, 159 - 10095 Grugliasco (TO)  
[www.orca.it](http://www.orca.it)

# Specification

Model	Fuse 6
Size	Size : 140Wx170Dx170H Weight : 2.6kg
Cleaver	KLIV 1+ (Auto push-back with auto chip collector)
Monitor	5" TFT color LCD 500X Magnification , Tilting angle : 180°
Splicing Time	SM AUTO mode : 6Sec.
Splicing loss	SM : 0.02dB MM : 0.01dB DS : 0.04dB NZDS : 0.04dB
Return Loss	>60dB
Heater	Boost heater with built-in SOC heating block
60mm sleeve	13Sec.
Splicing Program	141 Splice modes
Heating Program	105 Splice modes
Applicable Fibers	G.651,652,653,655,other single mode fibers including ITU-T G.657A, G.657B
Electrode life cycle	5,500
Coating diameter	100~3200 μm
Applicable Sleeves	20, 25, 30, 35, 40, 50, 60mm, Micro
Tension Test	1.96~2.25N
Cleaved length	250Um Fiber : 8~16mm 900Um Fiber : 10~16mm
Data transmission	USB & Local WIFI & NFC
Data Storage *Splicer *	20,000 splice record memory / 500 Splice Image Memory
Data Storage * Cloud server *	Unlimited for 3years *Auto sync your splicing data*
Warranty	3years
Power AC	100~240V 50/60Hz
DC	12 ~ 15V (Quick recharging)
Battery	Li-ion 12V (5200mA ) Portable type (Detachable)
Battery in package	2pcs potable (Basic set)
Splice & Heat cycle	500 cycles
Charging Method	AC Adapter Charging Available during operation
Operating condition	0 to 5,000m above sea level, 0 to 95%RH and -10 to 50 degC and up to 15m/s wind velocity, respectively.
Storage condition	0~95% relative humidity, -40 ~ 80°C , battery : -20 ~ 30°C for long term