

## Digital Fiber Fusion Splicer

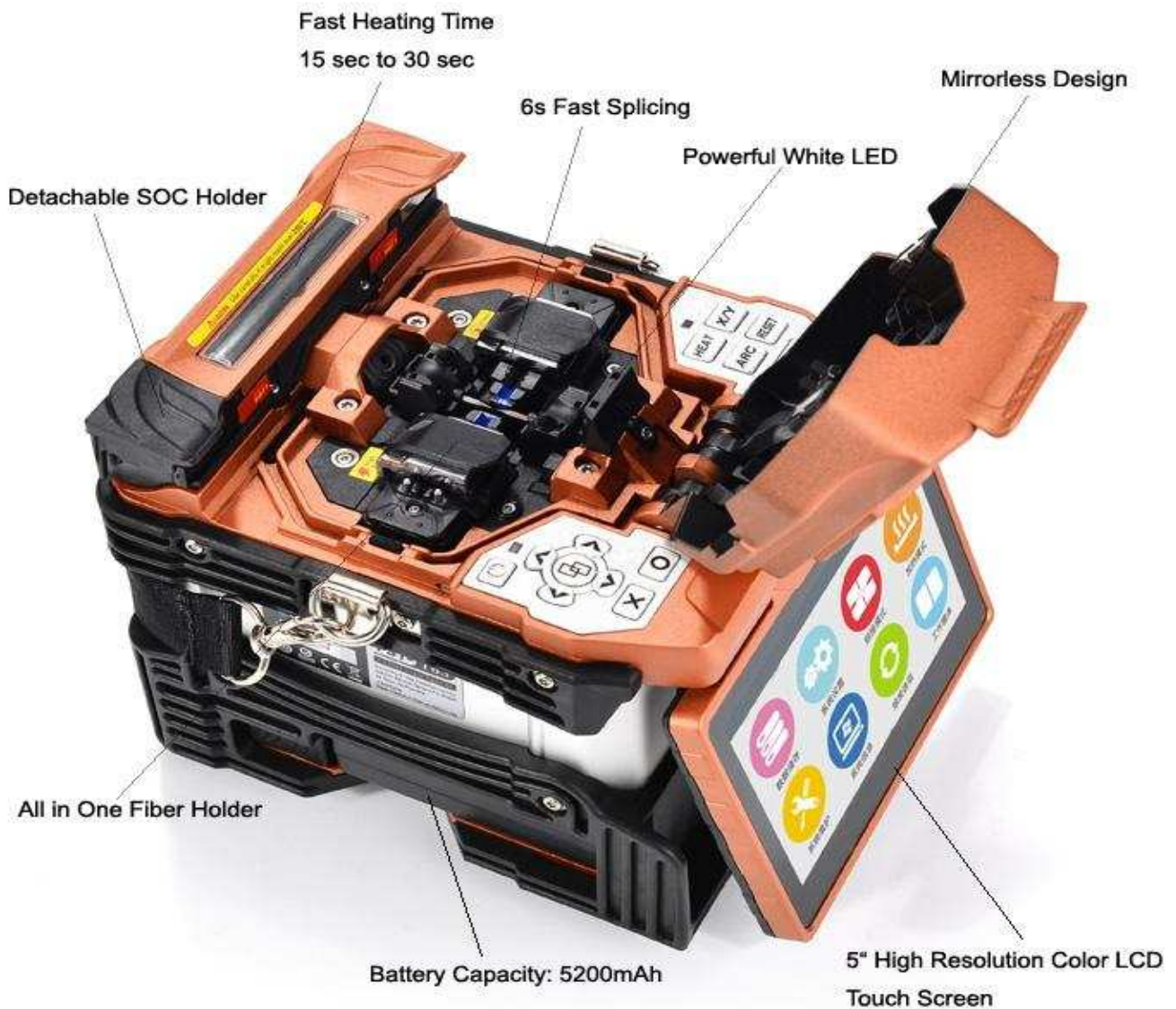


### Summary

Senter Fusion Splicer :09-0111 adopts PAS fiber adjustment technology. It has industrial-level Quad-core CPU( Mainly 1.4 GHz ), featuring low power cost and high performances, equipping with 5" High-Resolution color LED touch screen for easy operations, achieving industry's magnification of 500X so that fiber conditions can be easily inspected with unaided eyes. With precise Core Alignment Splicing Method and magnification of 500X, ST3100E has become one of the most excellent and reliable fusion splicing machines in global market. It also provides high capacity battery of 5200mAH for working even further in the field, which is typical 280 splicing/heating cycles. Innovative technology brings unlimited convenience. With its excellent and stable performances, 09-0111 has become one of the most reliable and effective fusion splicer in global market.

## Main Features:

- 5 inches high Resolution colorful LCD touch screen
- Average splice time: 6--8 seconds
- Typical heat time: 30 seconds
- Lithium battery: up to 280 times of continuous splice and heat
- X, Y, XY, X/Y : 500X Magnification
- Splicing mode: Auto & Manual & Full-Automation
- USB2.0 / Phone Jack
- Storing last 5000 results
- Operating Methods: Button / Touch screen
- Applicable Fibers: SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653) / NZDS(ITU-T G.655)



## Specification:

<b>Model</b>	09-0111
<b>Number of Fiber</b>	Single
<b>Applicable Fibers</b>	SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653) / NZDS(ITU-T G.655)
<b>Compatible Fiber / Cable</b>	0.25~3.0 mm / Indoor Cable (0.9mm/2.0mm/2.4mm)
<b>Cleaved Length</b>	Diameter: 0.125~1 mm / Cleave Length: 8~16 mm
<b>Splicing Mode</b>	Multiple splicing modes
<b>Typical Splice Loss</b>	0.01-0.05db
<b>Return Loss</b>	>> 60 dB
<b>Lighting</b>	1 Powerful White LED and illuminated Keypads
<b>Splicing Time</b>	6~8 seconds
<b>Estimated Splice Loss</b>	Available
<b>Protection Sleeve Length</b>	20~60 mm
<b>Heating Mode</b>	Multi heating modes
<b>Heating Time</b>	typical heating time: 30 sec
<b>Results Storage</b>	The last 5000 results
<b>Tension Test</b>	1.5~2.0N
<b>Operating Condition</b>	Operating Altitude: 0~5000m above sea level, 0.95% relative humidity, -10~50°C, Max Wind 15m/s
<b>Storage Condition</b>	0~95% relative humidity, -40~80°C
<b>Display</b>	90° bi-directional view, 5.0" 800*480 Color High Resolution Display with touch screen
<b>Fiber View &amp; Magnification</b>	X, Y, XY, X/Y : 500X Magnification
<b>Power Supply</b>	AC Input 100-240V, DC Input 12-15V
<b>No of Splice / Heating with Battery</b>	5200mAh Battery Capacity, Typical above 280 times (Splice+Heat)
<b>Operating Methods</b>	Button / Touch screen
<b>Automatic Calibration</b>	Automatic arc calibration by air pressure and temperature
<b>Electrode Life</b>	3500 arcs, can be extended by using an electrode grinder
<b>Terminal</b>	USB2.0 / Phone Jack
<b>Dimension</b>	140W x 165L x 160H mm (including rubber bumper) / 130W x 165L x 150H mm (excluding rubber bumper)
<b>Weight</b>	2.0KG (including rubber bumper) / 1.7KG (excluding rubber bumper) / 0.38KG (battery)

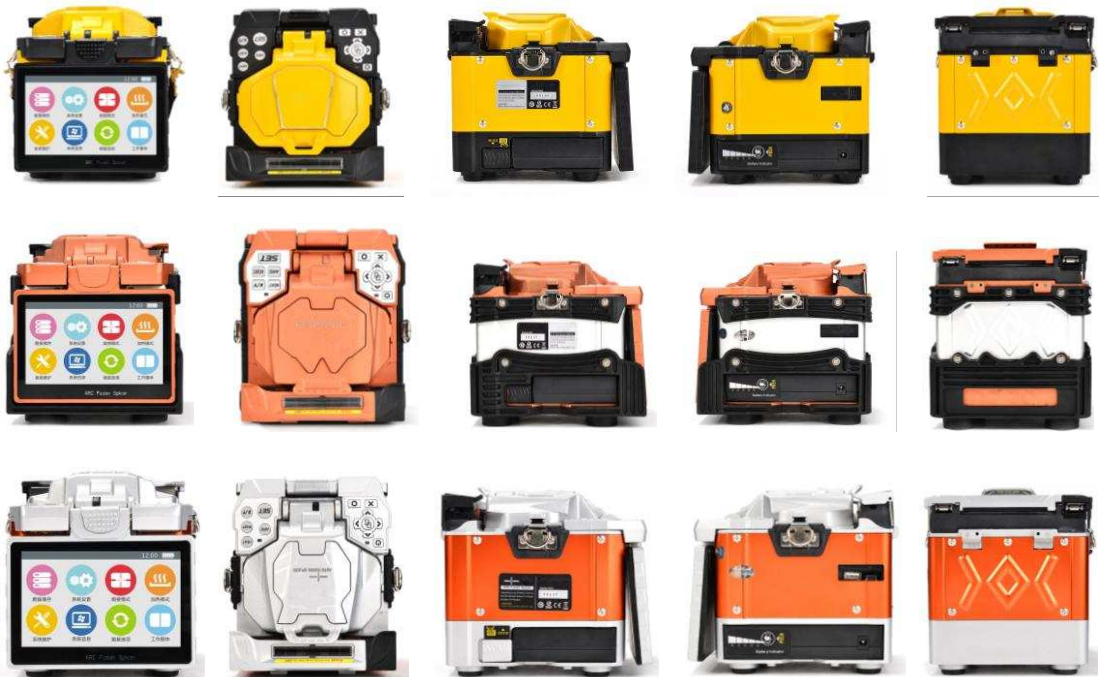
# Packing List



<b>Fusion Splicer</b>	1
<b>High Precision Cleaver</b>	1
<b>Fiber Holder</b>	1
<b>SOC Heater Cover</b>	1
<b>AC Adapter</b>	1
<b>Cooling Tray</b>	1
<b>Electrode</b>	1
<b>Fiber Optic Stripper</b>	1
<b>Battery Pack</b>	1

<b>Power Cable</b>	1
<b>Manual book</b>	1
<b>Manual CD</b>	1
<b>Carrying Case</b>	1

## Optional colors:



ST3100E Digital Fiber Fusion Splicer

**DIREKTRONIK**

Direktronik AB tel. 08-52 400 700 [www.direktronik.se](http://www.direktronik.se)