

## Quantum Type-Q102-CA Core Alignment Fusion Splicer



### Description

The Quantum Type-Q102-CA™ is Sumitomo Electric Lightwave's next generation of the industry leading Quantum core alignment fusion splicers, redesigned from the ground up to redefine the industry standard in optical fiber core alignment fusion technology. Maintaining all of the qualities and industry first features of the Quantum Type-Q101-CA, the TYPE-Q102-CA continues to raise the bar in performance by still being the fastest splicer with blazing fast 5 second splice and 9 second sleeve heating times. These new speeds, coupled with the splicer's patent protected dual independent ovens, makes it the fastest in the industry by far. The built-in dual heater system, with its unprecedented speed, improves splicing efficiency by over 80% for perfectly streamlined, consecutive, and cost effective splices. The TYPE-Q102-CA's completely

redesigned software user interface is the first splicer in the world to now be built on the Linux operating system bringing a familiar smartphone style intuitive experience to the user making even inexperienced users effective in a fraction of the time. The new 5 inch WVGA 800X480 high resolution screen with active pan and zoom, allow a user to carefully inspect minute areas of a fiber with a simple drag, pinch or expand with fingers directly on the screen making the identification of problem areas simple and quick. Along with being the most advanced core alignment fusion splicer in the industry; it's also been refitted with the most rugged mechanisms able to withstand almost twice the shock of the previous generation with superior dust, shock and water-proof resistance, making it the ideal choice for even the harshest environments

### Features

- Dual Independent Heat Shrink Ovens
- Fastest Splicer with 5 sec. Splice time and Dual 9 sec. Heaters
- WVGA High Resolution, Fully Navigational Touch Screen Monitor
- SD Port for Virtually Unlimited Data Storage
- Internet Interface for Remote Maintenance & Software Upgrades
- Smartphone-Like User Interface
- Wide Angle LED Work Area Illumination
- Ruggedized Design for Shock, Water, and Dust Resistance
- Automatic Splice Start, Arc Calibration, Heater Start and Fiber Identification
- Long Life Battery for 300 Splice and Heater Cycles per Charge
- Battery Recharges While Splicing
- Long Life Electrodes up to 6,000 arcs
- Lynx2 CustomFit® Splice-On Connector Compatibility
- Three Year Warranty Included
- 24-Hour Technical Support via 1-888-SPLICER

### Physical Characteristics

Size(mm)	128W x 154D x 130H
Weight	2.2kg with BU-16 Battery
Display Type	5 inch Color, Low Glare, High Resolution Touch Screen Monitor
Shock-Free Fall	76cm from 5 sides
Waterproof	IPx2
Dustproof	IP5x
Battery Docking Bay	Internal

### Kit Ordering Information

#### Type-Q102-CA-KIT-1 Components:

- |                        |  |                        |
|------------------------|--|------------------------|
| • Type-Q102-CA Splicer | • Standard Battery                     | • Manual               |
| • Hard Transit Case    | • Cleaning Tools                       | • Fiber Optic Stripper |
| • Work Platform        | • Fiber protection Sleeve Cooling Tray | • AC Adapter           |

#### Type-Q102-CA-KIT-2:

Includes All of KIT-1 Components; Plus FC-6S-C Fiber Optic Cleaver

#### Type-Q102-CA-KIT-6RSC:

Includes All of KIT-1 Components; Plus FC-6RS Precision Bench Top Automatic Blade Rotation Cleaver

#### Type-Q102-CA-KIT-8R:

Includes All of KIT-1 Components; Plus FC-8R Hand-Held Automatic Blade Rotation Cleaver