

Splicers Fusion



Quantum Type-Q101-VS™ V-Groove Fusion Splicer



Description:

Sumitomo Electric Lightwave's new QuantumType-Q101-VS is the industry's most advanced, yet competitively priced, v-groove splicer. It is the first and only v-groove splicer with fully navigational touch screen monitor for optimum user friendliness, internet interface for remote maintenance and software upgrades, SD port for virtually unlimited data storage plus video, audio, and software uploads and downloads. Like all Quantum splicers, the Quantum VS is the industry's only v-groove splicer with patented dual independent heat shrink ovens.

The dual heaters eliminate the bottle neck of heater wait time for streamlined splices that increase splicing efficiency by 70%, making it one of the fastest v-groove splicers available. All Quantum Fusion Splicers are Lynx2 Splice-On Connector compatible and embody outstanding shock, dust, and water resistance, the industry's largest fiber view, and longest electrode life – with the legendary reliability common to all Sumitomo splicers.

Specifications

| | |
|---|---|
| RoHS | Compliant |
| Applicable Fiber Types | SMF, MMF, DSF, NZ-DSF, BIF/UBIF |
| Coating Diameter | 0.25mm, 0.5mm, 0.9mm |
| Cladding Diameter | 125µm |
| Cleave Length | 10mm |
| Typical Splice Loss, Identical Fibers | SMF: 0.05dB; MMF: 0.02 dB; NZ-DSF: 0.08dB |
| Alignment Method | Fixed V-Groove (Diameter Alignment) |
| Built-In Splice Protection Sleeve Heaters | Dual Independent Auto Splice Sleeve Heaters |
| Heater Cycle Time | 28 Seconds; 60mm |
| Heater Programs Max/Preset | 100 / 30 |
| Typical Splice Time | 9 Second Splice Time |
| Splice Programs Max/Preset | 200 / 50 |
| Interface | Touch Panel Input & Switches Built-in Audio & Video SD Memory Card, USB2.0 (USB-mini B) DC Input for Car Battery Operation |
| Power Requirements | Input: 100V to 240V AC; 50/60 Hz; 10-15V DC |
| DC (Battery Operation) | Standard: 180 Splices & Heater Cycles |
| Battery Module | Li-ion; Arc and Heater Cycle Capacity Number Displayed on Monitor |
| Arc Test | Auto Compensation for Environmental Conditions |
| Proof Test | Internal 200g |
| Language Selection | 7 |
| Internal Splice Data Storage | 10000 (Unlimited with SD card) |
| Image Storage | 64 |
| Electrode Life | 2,500 |
| Display Positions | Adjustable for Optimal Work Flow |
| Software Update | Internet |
| Remote Maintenance | Yes |

Features:

The Quantum V-Groove Splicer is the 1st and Only Splicer in the Industry with:

- Dual Independent Heat Shrink Ovens that Eliminate Heat Shrink Waiting Time, Increasing Splicing Efficiency by 70%
- High Resolution, Fully Navigational, Touch Screen Monitor for Optimum User Friendliness
- Internet Interface for Remote Maintenance & Software Upgrades
- SD Port for Virtually Unlimited Data Storage; Plus Program, Video, Audio and Software Uploads/Downloads
- Video & Audio Playback

Other Features Include:

- Industry's Most Advanced V-Groove Fusion Splicer, Yet Economically & Competitively Priced
- Ruggedized Design for Shock, Water, and Dust Resistance
- Automatic Splice Start, Arc Calibration, Heater Start

(continued on back)

Splicers Fusion

Quantum Type-Q101-VS™ V-Groove Fusion Splicer

Features (continued):

- Hard Carrying Case with Integrated Work Platform
- Multiple Positional Monitor with Automatic Display Inversion
- Battery Recharges While Splicing with AC Power
- Long Life Battery
- Lynx2 CustomFit® Splice-On Connector Compatibility
- Large Fiber View and Long Electrode Life
- RoHS Compliant

Type-Q101-VS-KIT-1- Components:

- Type-Q101-VS Quantum Splicer
- Hard Transit Case
- Work Platform
- AC Adapter
- Standard Battery
- Cleaning Tools
- Fiber Protection Sleeve Cooling Tray
- Manual
- Fiber Optic Stripper

Type-Q101-VS-KIT-2

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

Type-Q101-VS-KIT-2R

- Includes All of Kit-1 Components; Plus FC-7R Hand-Held Automatic Blade Rotation Cleaver

Type-Q101-VS-KIT-6RSC

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

Physical Characteristics

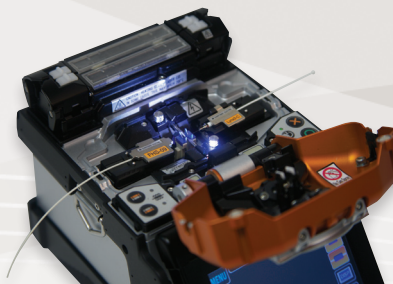
| | |
|---------------------|--|
| Size(mm) | 120W x 154D x 130H |
| Weight | 2.1kg with Battery |
| Display Type | 4.1 Color, Low Glare, High Resolution Touch Screen Monitor |
| Shock – Free Fall | 76cm from 5 sides |
| Waterproof | IPx2 |
| Dustproof | IP5x |
| Wind Protection | 30mph (15m/s) |
| Battery Docking Bay | Internal |

Accessories

| Description | Part Number | UOM |
|---|--------------|-------|
| Battery Unit | BU-101 | 1 ea. |
| 250µm Single Fiber Holder | FHS-025 | 1 pr. |
| 900µm Single Fiber Holder | FHS-09 | 1 pr. |
| Spare Electrode | ER-10 | 1 pr. |
| Precision Fiber Cleaver with Scrap Fiber Catcher | FC-6S-C | 1 ea. |
| Hand-Held Precision Fiber Cleaver with Automatic Blade Rotation and Catcher | FC-7R | 1 ea. |
| Precision Bench Top Automatic Blade Rotation Cleaver with Catcher | FC-6RS-C | 1 ea. |
| Fiber Protection Sleeves (Single Fiber, 40mm, 10 Sleeves) | FPS-40-10P | 1pk. |
| Fiber Protection Sleeves (Single Fiber, 60mm, 50 Sleeves) | FPS-1 | 1pk. |
| V-Groove Brush | VGB-003-CR | 1pk. |
| External Battery Charger | BC-101 | 1ea. |
| Car Adapter | PCV-11 | 1ea. |
| Splice Tray Holder | Q101-STH-011 | 1ea. |

Ordering Information

| Part Number | Description |
|-----------------------|---|
| Type-Q101-VS-KIT-1 | Splicer Kit with Accessories |
| Type-Q101-VS-KIT-2 | Splicer Kit with Accessories and FC-6S-C Cleaver |
| Type-Q101-VS-KIT-2R | Splicer Kit with Accessories and FC-7R Precision Cleaver |
| Type-Q101-VS-KIT-6RSC | Splicer Kit with Accessories and FC-6RS-C Precision Cleaver |



Shown with Optional Lynx2 CustomFit® Splice-On Connector



Quantum Transit Case as Work Surface