

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

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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

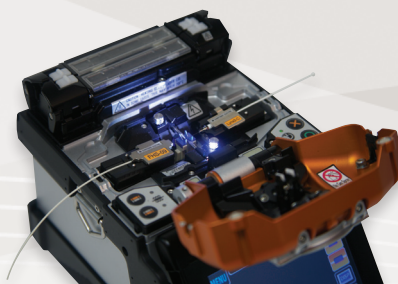
Size(mm)	120W x 154D x 130H
Weight	2.1kg with Battery
Display Type	4.1 Color, Low Glare, High Resolution Touch Screen Monitor
Shock – Free Fall	76cm from 5 sides
Waterproof	IPx2
Dustproof	IP5x
Wind Protection	30mph (15m/s)
Battery Docking Bay	Internal

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