

# Splicers Fusion



## Quantum Type-QH201e-VS™ Handheld Fusion Splicer



### Features

- Industry's Only High Resolution, Fully Navigational, Touch Screen Monitor
- Industry's Smallest Handheld Footprint and Fastest Typical Splice Time
- Internal Battery Charging while Splicing
- Dual Bay External Battery Charger Available
- Internet Interface for Remote Maintenance & Software Upgrades
- Built-In Help and Maintenance Videos
- Micro-SD Ports for Virtually Unlimited Data Storage
- Automatic Splice Start, Arc Calibration and Heater Start
- Extended Life Electrodes Standard
- Hard or Soft Transit Case
- Easy to use Fiber Holder Based System
- Lynx2 CustomFit® Splice-On Connector Compatible
- RoHS Compliant
- 24-Hour Technical Support

### Description

Sumitomo Electric Lightwave's Quantum Type-QH201e-VS marks the new standard for FTTx/Handheld fusion splicers. This amazing handheld splicer boasts the industry's smallest footprint and fastest typical splice time. It is also the first and ONLY to incorporate a fully navigational color touch screen interface for maximum user friendliness; on-board training videos; remote software updates; and USB 24-7 remote maintenance capability.

Other features include li-ion battery technology and an easy to use fiber holder system—with the legendary reliability common to all Sumitomo Electric splicers. The Quantum Type-QH201e-VS is by far the most advanced FTTx/Handheld fusion splicer in the industry, yet it's also rugged with superior dust, shock and water-proof resistance, making it the ideal choice for even the harshest environments.

### Specifications

<b>RoHS</b>	Compliant
<b>Alignment Method</b>	Fixed V-Groove
<b>Coating Diameter</b>	Single: 250µm, 500µm, and 900µm
<b>Cladding Diameter</b>	125µm
<b>Cleave Length</b>	10 mm
<b>Typical Splice Loss</b>	SMF: 0.05dB MMF: 0.03dB
<b>Typical Heaters Cycle Time Each Heater</b>	30 seconds 60mm (FPS-61-2.6)
<b>Typical Splice Time</b>	12 seconds
<b>Heater Programs Max/Presets</b>	100 / 30
<b>Splice Programs Max/Presets</b>	300 / 50
<b>Splice &amp; Heater Cycles per Charged Battery</b>	100
<b>Interface</b>	<ul style="list-style-type: none"> <li>• Touch Panel Input</li> <li>• Built-in Help and Maintenance Videos</li> <li>• Micro SD and Micro SDHC</li> <li>• USB 2.0 (mini - B)</li> <li>• DC Input for Car Battery Operation</li> </ul>
<b>Power Requirements</b>	Input: 100V to 240V AC; 50/60 Hz; 10-15V DC
<b>Maximum Altitude</b>	3,660m
<b>Arc Test</b>	Automatically Compensates for Environmental Conditions
<b>Proof Test</b>	Internal 200 g
<b>Internal Splice Data Storage</b>	10000
<b>Image Storage</b>	64
<b>Electrode Life</b>	3000 arcs

### Physical Characteristics

<b>Size(mm)</b>	110W x 140D x 76H
<b>Weight</b>	860 g (including battery)
<b>Display Type</b>	3.5 Color Touch Screen Monitor
<b>Shock Resistance - Free Fall</b>	76cm from 5 sides
<b>Waterproof</b>	IPx2
<b>Dustproof</b>	IP5x
<b>Wind Protection</b>	30mph (15m/s)

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## Accessories

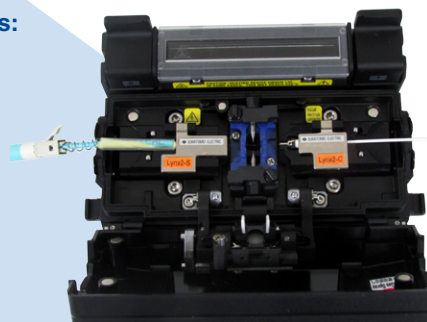
Description	Part Number	UOM
Spare Electrodes	ER-11	1 pr.
250µ Single Fiber Holder	FHS-025	1 pr.
900µ Single Fiber Holder	FHS-09	1 pr.
Battery Unit	BU-12L	1 ea.
Precision Bench Top Fiber Cleaver with Scrap Fiber Catcher	FC-6S-C	1 ea.
Bench Top Fiber Cleaver with Automatic Blade Rotation and Scrap Fiber Catcher	FC-6RS-C	1 ea.
Hand-Held Precision Fiber Cleaver with Automatic Blade Rotation and Catcher	FC-7R	1 ea.
External Dual Bay Battery Charger	BC-12	1 ea.
Soft Carrying Case	CCS-100	1 ea.
Lynx2 Cable Side Holder	Lynx2-UML-S	1 ea.
Fiber Protection Sleeves (Single Fiber, 60mm, 50 pcs.)	FPS-1	1 ea.
Fiber Protection Sleeves (Single Fiber, 40mm, 50 pcs.)	FPS-40	1 pk.

## Ordering Information

Part Number	Description
Type-QH201e-VS-KIT-1	Splicer Kit with Accessories
Type-QH201e-VS-KIT-2	Splicer Kit with Accessories and FC-6S Cleaver
Type-QH201e-VS-KIT-2R	Splicer Kit with Accessories and FC-7R Cleaver
Type-QH201e-VS-KIT-6RSC	Splicer Kit with Accessories and FC-6RSC Cleaver

### Type-QH201e-VS-KIT-1 Components:

- Type-QH201e-VS Splicer
- Spare Electrodes
- Transit Case
- AC Adapter and Power Cord
- 250µm Fiber Holders
- Standard Battery
- Cleaning Tools
- Manual
- Fiber Optic Stripper



Shown with Optional Lynx2 CustomFit® Splice-On Connector



Quantum Type-QH201e-VS Shown with Optional Work Harness

### Type-QH201e-VS-KIT-2

- Includes All of KIT-1 Components;  
Plus FC-6S Precision Optical Cleaver

### Type-QH201e-VS-KIT-2R, Type-QH201e-VS-KIT-6RSC

- Includes All of KIT-1 Components; Plus a Precision Optical Cleaver with Automatic Rotating Blade and Scrap Catcher