Quantum Mass Fusion Splicer

**Type-Q101-M12™**

**Features**

The Quantum is the 1st and Only Mass Fusion Splicer in the Industry with:

- Automatic Clamp Force Adjustment & Real-Time Clamp Force Calibration, Minimizing Fiber to Fiber Offset for Splicing and MPO Terminations
- Dual Independent Heat Shrink Ovens with Auto Pretension Clamps, Increasing Splicing Efficiency by 70%
- High Resolution, Fully Navigational, Touch Screen Monitor
- Internet Interface for Remote Maintenance & Software Upgrades

Other Features Include:

- Ruggedized Design for Superior Shock, Water, and Dust Resistance
- Auto Splice Start, Arc Calibration, Heater Start and Fiber Identification
- Typical Splice Loss: SMF: 0.05dB; MMF: 0.02dB; NZ-DSF: 0.08dB
- Hard Carrying Case with Integrated Work Platform

**Physical Characteristics**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Size(mm)</td>
<td>120W x 154D x 130H</td>
</tr>
<tr>
<td>Weight</td>
<td>2.0kg with Battery</td>
</tr>
<tr>
<td>Display Type</td>
<td>4.1 Color, Low Glare, High Resolution Touch Screen Monitor</td>
</tr>
<tr>
<td>Shock – Free Fall</td>
<td>76cm from 5 sides</td>
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<tr>
<td>Waterproof</td>
<td>IPx2</td>
</tr>
<tr>
<td>Dustproof</td>
<td>IP5x</td>
</tr>
<tr>
<td>Wind Protection</td>
<td>30mph (15m/s)</td>
</tr>
<tr>
<td>Battery Docking Bay</td>
<td>Internal</td>
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</tbody>
</table>

**Product Number: KIT Components**

**Type-Q101-M12-KIT-6RM1 Components:**

- Quantum Mass Fusion Splicer
- Precision Automatic Blade Rotation Fiber Cleaver
- Heated Jacket Remover
- Power Cord
- V-Groove Brush
- Spare Electrodes
- Manual
- 250μm Holders
- 12ct. Ribbon Fiber Holders
- Hard Case

**Type-Q101-M12-KIT-6RM2 Components:**

Includes All Type-Q101-M12-6RM1 Contents; Plus Ribbonizing Tool and Consumable Kit.

**Type-Q101-M12-KIT-MPO1 Components:**

- Quantum Mass Fusion Splicer
- Cleaver
- Heated Jacket Remover
- Power Cord
- V-Groove Brush
- Spare Electrodes
- Manual
- Hard Case
- MPO Assembly Tool Kit
- Consumable Kit

**Type-Q101-M12-KIT-MPO2 Components:**

Includes KIT-MPO1 Contents; Plus Battery

For ordering assistance, please contact Customer Service at 800-358-7378 or visit our website at: www.sumitomoelectric.com