



Quantum Type-Q101-M12™ Mass Fusion Splicer



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
- Typical 14 Second Splice & 55 Second Heater Cycle Time Makes the Quantum the Fastest Mass Splicer with a 12 Fiber Splice Under 70 Seconds
- SD Port for Virtually Unlimited Data Storage; Plus Video, Audio, and Software Uploads/ Downloads
- Lightest Weight & Smallest Footprint Mass Fusion Splicer
- Largest 640 x 320 Fiber View and Longest Electrode Life

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
- Multiple Positional Monitor with Automatic Display Inversion
- Long Life Battery Recharges While Splicing with AC Power
- Lynx2 CustomFit® Splice-On Connector Compatibility
- RoHS Compliant

Physical Characteristics

| | |
|---------------------|--|
| Size(mm) | 120W x 154D x 130H |
| Weight | 2.0kg 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 |

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-M12-6RM1Contents; 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



Shown with Optional Lynx2-MPO CustomFit® Splice-On Connector



Quantum Transit Case as Work Surface