

UW-85H+

Optical Fiber Splicing Machine
Intelligent Core Alignment



SOC Compatible



- **Light weight, easy to carry, compact size**
- **Recommended for Telco/CATV/FTTx**
- **6 Motor Alignment System**
- **Automatic Detection of Fiber Type**
- **High capacity battery 6400mAh**
- **Battery Back-up of 350 Splices**
- **Electrode Life: 6000 Splices**
- **Rugged Design, Water resistant**
- **Japanese Lens for optimum splice result estimation**



**6 SEC
SPLICE**

**15 SEC
HEAT**

**TOUCH
OPTION**

**520X
ZOOM**

**AUTO
FIBER**

**10000
MEMORY**

**SPLICE
LOSS
0.01**

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Specifications



| | |
|------------------------------|---|
| Applicable Fibers | SMF, MMF, DSF, NZDSF, EDF (Fiber Count: 1) SC/LC/FC Connector (optional function) |
| Average Splice Loss | 0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF) |
| Return Loss / Cleave Length | ≥60dB / 5-16mm |
| Clad & Sheath Dia | Clad dia: 80-150um, Sheath dia: 100-3000um |
| Typical splicing time | 6 seconds (Quick), 8 second (Auto) |
| Typical heating time | 15 seconds |
| Splicing Program | Up-to 100 groups |
| Protection Sleeve | 20mm, 40mm, 60mm |
| Tension Test / IP Protection | 2.25N (Standard Tension attachment included) / IP-66 |
| Operating Conditions | -10~+50°C(operation temperature),0~95% RH(humidity), 0~6000m(altitude), WV: 15m/s |
| Electrode Life | More than 6000 splices |
| Power Supply | AC adaptor: 100~240V input voltage, 50/60Hz; 12V, 5A output voltage(DC) Inner lithium battery: 11.1V, 6400mAh for up to 350 splices with heating |
| Monitor | 5 inches High Resolution Colorful LCD Display (Optional Touch Screen) |
| Fiber Image | X or Y axis Separately views 520 times magnification, or Simultaneously 250 times |
| Storage of Splice Result | 10,000 groups of latest Splice Results |
| Splicing Mode | Auto, Manual & Full Auto, Intelligent |
| Dimensions | 145(W)*149(D)*154(H)mm |
| Weight | 1.69kg |

Standard Accessories

| No. | Item | Quantity |
|-----|-----------------------------------|----------|
| 01 | Splicing Machine UW-85H+ | 01 No. |
| 02 | High Precision Fiber Cleaver | 01 No. |
| 03 | Fiber Stripper (3-in-1) | 01 No. |
| 04 | AC Adapter (Charger) | 01 No. |
| 05 | Battery Pack | 01 No. |
| 06 | Spare Electrode | 01 Pair |
| 07 | Cooling Tray | 01 No. |
| 08 | Instruction CD | 01 No. |
| 09 | Quick Reference Guide | 01 No. |
| 10 | Carrying Case with Carrying Strap | 01 No. |

 **Uniway Infocom**
3A, 3rd Floor, Big Jo's Tower,
Netaji Subhash Place,
Pitampura, Delhi-110034

 **Ph: +91-11-42470111, 9821629809**

 **Email: sales@uniwayinfo.com**

 **Web: www.uniwayinfo.com**

Branch Offices Contact No.

| | |
|------------|----------------------------------|
| Kolkata | +91-9958480410 +91-9062008500 |
| Mumbai | +91-9821486620 |
| Ahmedabad | +91-9821486621 |
| Hyderabad | +91-9821759481 |
| Bangalore | +91-9971555664 |
| Chandigarh | +91-8054247415 |