Up to 4-fiber ribbon splicing
High speed splicing of 13 seconds
High speed heating of 14 seconds
Interchangeable V-groove system
Easy operation with touch panel and GUI
3 LED lights allow convenient loading of fibers in V-groove
Automatic Fiber offset correction function available
Wi-Fi connection allows wireless control and data management
Specifications

Applicable fibers
- MM (ITU-T G.657)
- DS (ITU-T G.653)
- NZD (ITU-T G.655)
- BIF (ITU-T G.657A1/A2)

Fiber Count
- Up to 4 fibers

Cladding diameter
125μm

Fiber coating diameter
Single fiber: 0.25mm, 0.9mm
Ribbon fiber: Refer to Fiber Holder

Fiber cladding length
10mm

Average splice loss
- SM: 0.05dB
- MM: 0.03dB
- DS: 0.06dB
- NZD: 0.08dB
- BIF: 0.05dB

Typical splice time
- 4-fiber ribbon: 15sec.
- Single fiber: 13sec.

Typical heating time
- 4-fiber ribbon: 14sec. (S924, power mode)
- Single fiber: 13sec (S921, power mode)

Splice program
- Max. 300

Heat program
- Max. 100

Applicable protection sleeve length
- 40mm / 60mm

Tension test
1.96N

Discharge compensation function
Automatic correction according to temperature and atmospheric pressure

Optical fiber viewing method
Two-way observation from X and Y axes

Monitor
4.3 inch wide LCD monitor with touch screen

Magnification
50X

Splice result storage / Image capture capacity
- Last 10,000 splices
- Last 100 images to be automatically captured

Dimensions
139W x 290D x 114H mm (not including shock absorber)
179W x 246D x 131H mm (including shock absorber)

Weight
1.8kg (with battery)

Data output
USB ver.2 mini B x 1 port
Standard A x 1 port

Power source
AC: 100-240V (50/60Hz)
DC: 11-24V

Battery capacity
170 splice and heating cycles

Operating condition
- Altitude: 0 to 2,000m
- Wind protection: 15m/s
- Battery life: 90% charged

Storage condition
- -40 to +60 °C (non-condensing)
- Automatic correction according to temperature and atmospheric pressure

Environmental Durability

Impact protection
- Vertical drop test (six sides excluding the top side) is conducted from a height of 76cm and the normal operation is confirmed.

Dustproof
- The normal operation is confirmed after dropping a 500gms weight of 3mm/min to 4sides for 2.5min or more tilted by 15degree.

Drop impact
- Drop impact (six sides excluding the top side) is conducted from a height of 76cm and the normal operation is confirmed.

Drip proof
- The normal operation is confirmed after exposing water droplet of IPX2 grade with 3mm/min to 6ides for 2.5min or more tilted by 15degree.

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