

**Product Name :**  
Fiber Optics Splicer

**Product Code :**  
SH144



**Description :**

Fiber Optics Splicer

**Technical Specification :**

Fiber Optics Splicer

Material Silica glass

Fiber count / Profile types Single / SMF (G.652), MMF (G.651), DSF (G.653), NZDSF (G.655), BIF (G.657)

Diameter Cladding diameter :

80~150 m, Coating diameter: 100 ~ 1,000 m

Cleave length 5 ~ 16mm with coating clamp

Splice loss (typical) SMF : 0.02dB, MMF : 0.01dB, DSF : 0.04dB, NZDSF : 0.04dB Return loss (typical) 60dB or greater

Splice time (typical) 6sec (SM G652 Quick Mode), 8sec (Auto Mode) Heating time (typical) 15sec (FPS-61-2.6 sleeve, S60mm 0.25)

Splice & Heat cycles per battery full charge 300 (BU-16)

Fiber view & magnification 2 CMOS cameras observation, 350X (zoom: 700X) for X or Y single axis view, Max. 350 for both X & Y dual axis view

Proof test 1.96 ~ 2.09N

Applicable protection sleeve 60mm, 40mm & Sumitomo Nano sleeves Splice programs Max. 300, 24 are pre-optimised, 276 editable by user Heating programs Max. 100, 23 are pre-optimised, 77 editable by user

Splice image capture / Splice data storage 200 images / 10,000 splice data (internal memory only)

50,200/20,000 (with 16GB SD

Universal clamps Provided, 250 m, 900 m tight & loose buffer fiber Reversible coating clamps Provided

Onboard user training video Provided

Automatic fiber identification SMF / MMF / Other  
Automatic arc calibration Automatically compensates for environmental condition changes Display of remaining  
Splice & Heat cycles Provided  
(Battery mode)  
Size 128(W) x 154(D) x 130(H) mm (without anti-shock rubber) Weight 1.7kg (without Battery) / 2.0kg (with  
Battery BU-16) Monitor 5.0" touch screen color LCD  
Display  
DC output DC 12V (for JR-6)  
USB PORT USB 2.0 (mini-B type)  
Storage Media SD / SDHC memory card MAX32GB AC Input AC 100 ~ 240V, 50/60Hz (ADC-16)  
DC Input DC 10 ~ 15V  
Battery Pack Li-ion 10.8V, 6,400mAh (BU-16)  
Operating condition Altitude : 0 ~ 6,000m, Temperature : -10 ~ +50°C, Humidity : 0 ~ 95% (non-condensing),  
Wind velocity : up to 15m/sec  
Storage condition Temperature : -40 ~ +80°C, Humidity : 0 ~ 95% (non-condensing), Battery : -20 ~ +30°C  
(long term)  
Electrode life 6,000 arc discharges Software updates Internet  
Data Management Can be stored, edited and analyzed by dedicated PC software.

## Naugralabequipments

**Website:** www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

**Address:** 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003