

SPECIFICATIONS	
Subject	Description
Applicable fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655)
Fiber Diameter	Ribbon : Cladding diameter125 μ m, Ribbon fiber thickness 0,25 to 0,4mm
	Single : Cladding diameter125 μ m, Coating diameter 250 μ m and 900 μ m
Fiber cleave length	10mm
Typical splice loss	0,05dB with SM, 0,02dB with MM, 0,08dB with DS, 0,08dB With NZDS.
Return loss	-60dB
SPLICE Time	Typical 20sec, With standard SM(ITU-T G.652)
Program	SPLICE Mode : 100, Heat Mode : 50
Storage of splice result	The last 2000 results to be stored in the internal memory.
Operating altitude	0 to 3660m above sea level
Operating condition	-10 $^{\circ}$ C to 50 $^{\circ}$ C, humidity : 95%, non-Condensing
Storage condition	-40 $^{\circ}$ C to 80 $^{\circ}$ C, 0 to 95% RH
Wind protection	15sec
SIZE, Weight	135mm $\times$ 200mm $\times$ 82mm, 1,6kg
Terminal	USB, External Power
Power	DC 14,8V Battery, 100 ~ 240V AC Charger
No. of splice/Heating with battery	60cycle
Additional power	DC 12V automobile cigar jack available
Sleeve heating time	35sec
Electrode Life	typical 100cycle
Tension test	2N
Display	Two CMOS cameras and 3,5" color LCD monitor.
Fiber view and magnification	X/Y 35X

STANDARD PACKAGE		
Description	Model	Q'ty
Splicer	R1	1
AC Adapter	AC-A	1
Battery Charger	F1-2	1
Battery Pack	F1-B	2
Fiber Holder	HR-12	1set
Spare Electrode	EI-20	1set
Carrying Case		1
Manual		1

OPTION	
Description	Model
Fiber Holder	HR-8, HR-4, HR-2, HR-250,
	HR-900, HR-F, HR-IN
Electrode	EI-20
Blade	BI-05, Diamond blade
Cooling Tray	CT
Battery Pack	F1-B
Ribbon Sleeve	R-F40(40mm)
Working Table	WK
Swift Connector	Refer to Swift Connector Catalog

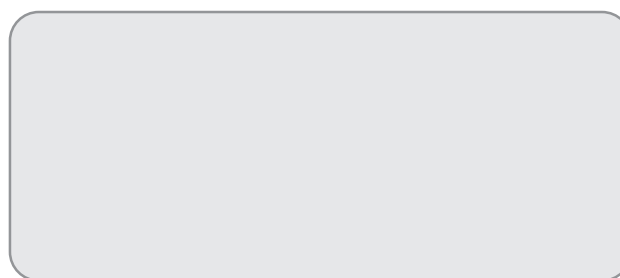
Headquarter : #703 Gwanpyung-Dong Yusung-Gu Dae jeon, Korea
 (Korea) Tel : +82 42 671 5609 Fax : +82 42 671 5612

America branch : 4230 LBJ Freeway Suite 235C Dallas Texas 75244, USA
 (Dallas) Tel : +1 972 556 0916 Fax : +1 972 910 8384

Europe branch : Ludwig-Erhard str. 30-34 65760 Eschborn, Deutschland
 (Germany) Tel : +49 1522 3689 747

India branch : A-26/4 Mohan Cooperative Estate Mathura Road Delhi, India
 (Delhi) Tel : +91 11 4055 5954, +91 11 4056 7229

China branch : E3-8F Juneyao International Plaza NO789 Zhaojiabang Rd.
 (Shanghai) Shanghai 200032, China
 Tel : +86 21 5836 0950, +86 21 5836 0189 Fax : +86 21 5836 0951



 **ILSINTECH Co., Ltd.** www.ilsintech.com

Ribbon Fiber Fusion Splicer

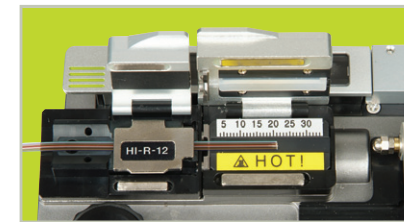
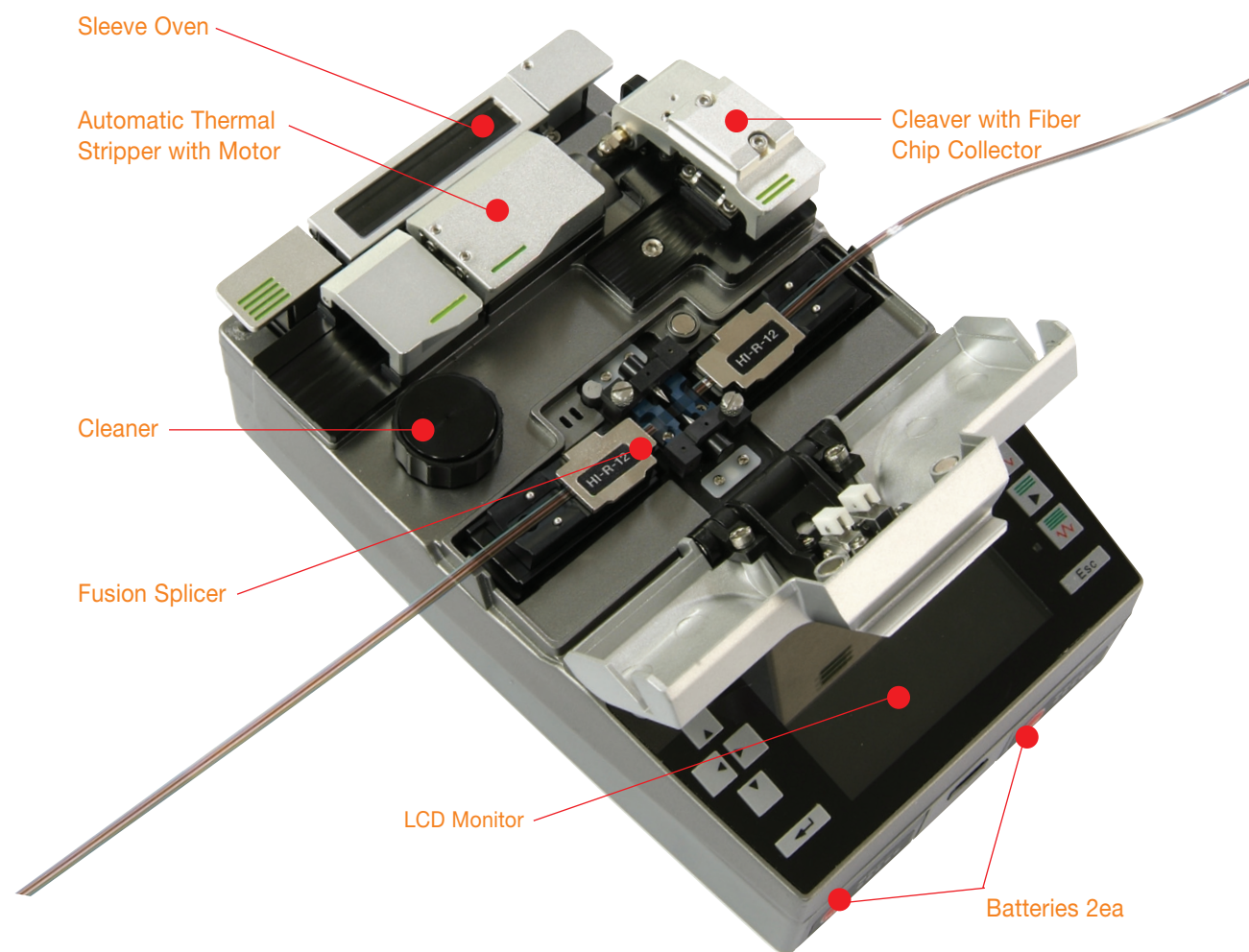
Swift-R1



-  All-In-One Integrated Unit (stripping, cleaning, cleaving, splicing, and sleeving)
-  Diamond Blade (Option) - over One Million Fiber Cleaving
-  Applicable for 12Core, 8Core, 4Core, 2Core Ribbon and Single Fiber, and for Splice-on Connector
-  Motor Life: over One-Million Stripping

Swift-R1

All the processes for fiber fusion splicing (fiber stripping, cleaning, cleaving, splicing, and sleeving) can be performed with one unit. Its all-in-one type ergonomic design removed cumbersome procedures of preparing all 5 procedures and with individual tools, helping fast and convenient work. Applicable for twelve, eight, four, and two-core ribbon and single fiber, and for splice-on connector work. In addition, it integrated itself with advanced technologies like motorized automatic stripper, long-lasting diamond blade, and oil damper system Cleaver.



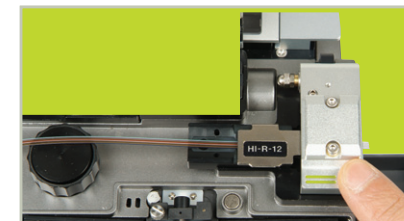
Fiber Stripper

- Over One Million Cycle time Using MAXON DC Motor from Switzerland
- No Crack on the Fiber by Thermal Auto Stripping



Cleaner

- Easy to Supplement Alcohol
- Cleaning Fiber and V-Groove is Very Important



Cleaver

- Single Action Cleave • Fiber Chip Collector Attached
- Oil Damper System
- Over 1 Million Cleave Life Diamond Balde (Option)

