SUMITOMO ELECTRIC

T-71C+ core aligning splicer

T-71C with '+'

+ Quick mode splicing in 6 seconds

+ Faster dual heat shrink ovens

+ Eco mode, longer battery life

+ Wireless connectivity

+ SumiCloud® smart-phone app

Highlights

WiFi SD card for storage & connection to SumiCloud®

Touch screen for simple and fast operation

Two independent 'Hot Orange' ovens increase your productivity

Password log-in for security

Splice-on Lynx field termination connectors

SumiCloud® smart-phone connectivity app.

Sumitomo Electric Europe Ltd   www.sumielectric.com   seel@sumielectric.com

Specification

FIBRE TYPES SPLICED	SMF ITU-T G652, MMF G651, DSF G653, PSCF G654, NZDSF G655 & G656, BIF G657, EDF and other types.
MEAN INSERTION LOSS*1	SM 0.02dB, MM 0.01dB, DS 0.04dB, NZ 0.04dB
ALIGNMENT MODES	Core, Adaptive, IIP Core, AIAS Core, and Cladding Edge
FIBRE DIAMETER *2	80 to 150um Cladding diameter
COATING DIAMETER	100um to 1000um
DROP CABLE *3	3.1mm x 2mm outdoor type, 1.6mm x 2mm indoor type
CLEAVE LENGTH *4	5 to 16mm
APDS FIBRE RECOGNITION	SMF, MMF, Trench type G657, NZDSF, DSF
ARC CALIBRATION	Arc Test plus automatic arc compensation before each splice
FIBRE HANDLING	Universal coating clamps or fibre holders - user selectable
SPLICE LYNX CONNECTOR	Yes, all single fibre types
SPLICE & OVEN PROGRAMS	Splice - 300 max. Oven - 100 max. All programs are user editable
SPLICE TIME	~6s SMF in Quick mode, ~7s in G652 Std mode, ~8s in AUTO mode
PROOF TEST	Nominal 1.96N (200gf)
HEAT SHRINK OVENS	Dual, fully independent ovens, with auto-start on loading the fibre
HEAT SHRINK TIME	Approx 14s, 'Slim 60mm 0.25 Quick Mode' when powered by ADC-1430S
SPLICE RESULT STORAGE	10000 splices
SPLICE IMAGE STORAGE	200 splices without SD card, otherwise limited only by SD card capacity
OPERATING CONDITIONS	-10°C to 50°C, <95% non-condensing humidity, 6000m, 15m/s wind
STORAGE CONDITIONS	-40°C to 80°C, <95% non-condensing humidity
POWER INPUTS	100~240V AC , 50/60Hz, 1.1A with Sumitomo ADC-1430S adaptor
BATTERY	BU-11 4.6Ah, Li-ion, ~200 splice & heat cycles or up to ~220 in Eco mode
INTERFACES	Data: USB 2,0 mini. Power output: 12V DC.
STORAGE MEDIA	SD/SDHC card, up to 16GB
DIMENSIONS *5	120(w) x 154(d) x 130(h)mm, 2.1kg including BU-11 battery
DISPLAY & USER INTERFACE	4.1" touch screen LCD, up to 700x magnification with Zoom function
INGRESS PROTECTION *6	Splicer: Dust IP5x, water IPx2.
ATTENUATION MODE	Programmable range 0 to 15dB in 0.1dB increments
WiFi SD CARD *7	WLSD-0208 8GB Class 10 SD/SDHC card, IEEE802.11b/g/n
SUMICLOUD® SERVICES *8	Requires 3G mobile data connection or better, plus Android 4.4 or later

*1 SPLICING NOTE — Break and remake of identical Sumitomo fibres measured by Cut-Back method
*2 CLADDING DIAMETER NOTE — Splicing of non-125um diameter fibre is only possible at nominal 'room temperature'
*3 DROP CABLE NOTE — Requires FHD-1 drop cable holders, must be purchased separately
*4 CLEAVE LENGTH NOTE — 5mm cleave length on 900um fibre requires either FHS-09 or FHS-025LB5 holders
*5 DIMENSION NOTE — Dimensions exclude protruding parts such as rubber bumpers
*6 IP RATING NOTE — For operation on battery power only. Compliant only when wind hood and all port covers are closed
Sumitomo does not guarantee the unit will not be damaged by such exposure

*7 WiFi SD CARD NOTE — At 2015-01-09 WLSD-0208 is approved for use in AE AU AZ BH BY CA CH CS EG HK HR ID IL IN IS JO JP KR KW LB LI MA MD NO NZ OM PH QT RU SA SG TH TR TW UA USA VN ZA plus all members of the European Union

*8 SUMICLOUD® NOTE — Requires registration with valid e-mail address. Some features of SumiCloud® may be chargeable

Accessories & consumables

FC-6R cleaver with auto rotating blade

Hard case with handy work tray

FC-7R cleaver with auto rotating blade

Holders for primary & secondary coated fibre

JR-M03 fibre stripping tool

Splice protection sleeves

ER10 electrodes

JR-25 fibre stripping tool

PC-V11 DC power cord

BU-11 battery