



# SUMITOMO ELECTRIC

## T-71C core aligning splicer

### T-71C

Compact, lightweight & fast

Durable, rugged & IP52 compliant

Remote upgrades and support

Simple & versatile with full touch screen control



## Highlights



Carrying case includes a practical work platform



Easy to use with full touch screen control



Splice-on Lynx field termination connectors



Fast dual ovens with auto-start for productivity



SD card reader for data, image and video storage



Accepts 5mm cleave length for compact, splices

# Specification

FIBRE TYPES SPLICED	SMF ITU-T G652, MMF G651, DSF G653, PSCF G654, NZDSF G655 & G656, BIF G657, EDF, CSF and other types.
MEAN INSERTION LOSS* ALIGNMENT	SM 0.02dB, MM 0.01dB, DS 0.04dB, NZ 0.04dB Core, Adaptive, Auto Intentional Axis Shift (AIAS) and Cladding Edge
FIBRE DIAMETER	80 to 150um Cladding diameter
COATING DIAMETER	100um to 1000um
CLEAVE LENGTH (Min)	Primary coated 5mm, tight secondary coated 10mm, loose buffer 20mm
APDS FIBRE RECOGNITION	SMF, MMF, NZDSF, EDF and user defined
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	Approx 7s in SMF Quick mode, Approx 10s in AUTO mode
PROOF TEST	1.96N (200gf)
HEAT SHRINK OVENS	Dual, fully independent ovens, with auto-start on loading the fibre
HEAT SHRINK TIME	28s for 60mm when powered by ADC-1430
SPLICE RESULT STORAGE	10000 splices without SD card, otherwise limited only by SD card capacity
SPLICE IMAGE STORAGE	64 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-1430 adaptor
BATTERY	BU-11 4.6Ah, Li-ion, Approx 200 splice & heat cycles
INTERFACES	Data: USB 2,0 mini. Power output: 12V DC.
STORAGE MEDIA	SD card, up to 16GB
DIMENSIONS**	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***	Splicer: Dust IP5x, water IPx2.
ATTENUATION MODE	Programmable range 0 to 15dB in 0.1dB increments
*SPLICING NOTE	Insertion loss is for break and remake of identical Sumitomo fibres.
**DIMENSION NOTE	Dimensions exclude protruding parts such as rubber bumpers
**IP RATING NOTE	Compliant only when wind hood and all port covers are closed.

## Accessories & consumables



FC-6 bench top cleaver



FC-7 hand held fibre cleaver



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