



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



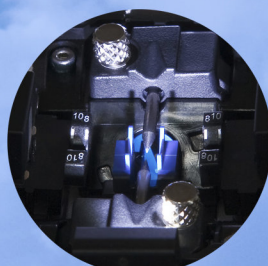
Splice-on Lynx field termination connectors



Fast dual ovens with auto-start for productivity



SD card reader for data, image and video storage



Accepts 5mm cleave length for compact, splices

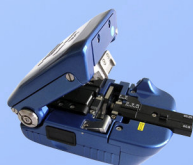
Specification

| | |
|-----------------------------------|--|
| 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-1430S |
| 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-1430S 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



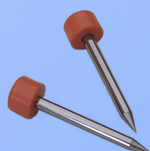
Holders for primary & secondary coated fibre



JR-M03 fibre stripping tool



Splice protection sleeves



ER10 electrodes



JR-25 fibre stripping tool



PC-V11 DC power cord



BU-11 battery