

FSM-50s

To receive a calibration and/or repair quote-RMA from R.A.E. Services Inc.
Click here>> www.raeservices.com/services/quote.htm

NEW

Product

Profile Alignment Fusion Splicer



Features

- Fully automatic core alignment with 9 second splice time for SM fibre
- Reduced splice protector shrink time – now only 35 seconds
- Extremely compact and lightweight – just 2.8kg
- Automatic fibre type identification
- Multi-position monitor for front or top mounting
- High capacity battery option for 120 splice/shrink cycles
- Real time arc calibration
- Fibre clamps integrated into wind protector to reduce operation time



Fujikura

ANSI, ISO, IEC, ANSI, NCSL, MIL-STD by www.raeservices.com

EUROPE LTD

[e] sales@fujikura.co.uk

www.fujikura.co.uk



Fujikura
EUROPE LTD

To receive a calibration and/or repair quote-RMA from R.A.E. Services Inc.
Click here>> www.raeservices.com/services/quote.htm



FSM-50S with monitor in Top position



FSM-50S V Groove

Specifications

■ Fibre types :	Singlemode (ITU-T G.652), multimode (ITU-T G.651), dispersion shifted (ITU-T G.653), non-zero dispersion shifted (ITU-T G.655)
■ Average Splice Loss :	0.02dB with G.652, 0.01dB with G.651 and 0.04dB with G.653 and G.655
■ Return Loss :	60dB or greater
■ Fibre Coating :	100µm to 1000µm
■ Fibre Cladding :	80µm to 150µm
■ Fibre Cleave Length :	8 to 16mm with coating diameter of 250µm or less, 16mm with coating diameter of 250µm to 1000µm
■ Splice Protector Heater :	For all standard and micro splice protectors with protection sleeve centering device
■ Atmospheric Compensation :	Automatic up to 3500 metres altitude with temperature and humidity compensation
■ Proof Test :	1.96N (200gf) standard or 4.41N (450gf) Option, mechanical proof test
■ Fibre Viewing Method :	Dual CCD cameras and 5.6" TFT colour LCD monitor
■ Magnification :	295x for single X and Y views, 147x for X/Y view
■ Splice Data Storage :	2000 splice data records
■ Interface :	USB 1.1 for PC interface, RCA video jack
■ Power Supply :	AC : 100 to 240V via AC adaptor ADC-11
■ DC Input:	10 to 15V via ADC-01
■ Detachable Battery Option :	BTR-06S, 4.5Ah, (equivalent splice/shrinks : 60) BTR-06L, 9.0Ah, (equivalent splice/shrinks : 120)
■ Dimensions (WxDxH) :	150mm x 150mm x 150mm
■ Weight :	2.8kg including AC adaptor
■ Operating Temperature :	-10°C to +50°C
■ Storage Temperature :	-40°C to +80°C

Standard Items

Item	Description
1	FRP carry case
2	ADC-11 AC adaptor/battery charger
3	Instruction manual
4	Spare electrodes

Optional Accessories

Item	Description
1	BTR-06S - Standard battery
2	BTR-06L - High-capacity battery
3	DCC-10 - Battery charge lead
4	DCC-12 - DC lead (cigarette lighter)
5	DCC-13 - DC lead (croc-clip)
6	JP-04 - J-plate, protector sleeve tray
7	WT-06 - Work table (100mm x 120mm)
8	WTS-06 - Work table support
9	MG5-05 - Magnifier

SPECIFICATIONS AND DESCRIPTIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

Fibre Optics and Microelectronic Products, Technical Service and Support Divisions

C51 Barwell Business Park, Leathhead Road, Greenington, Surrey, KT22 9NY, England

☎ +44 (0) 20 8240 2060 ☎ +44 (0) 20 8240 2010

Training Division

Brook Lane, Westbury, Wiltshire BA13 4ES, England

☎ +44 (0) 1373 825 582 ☎ +44 (0) 1373 825 824

JAN 04