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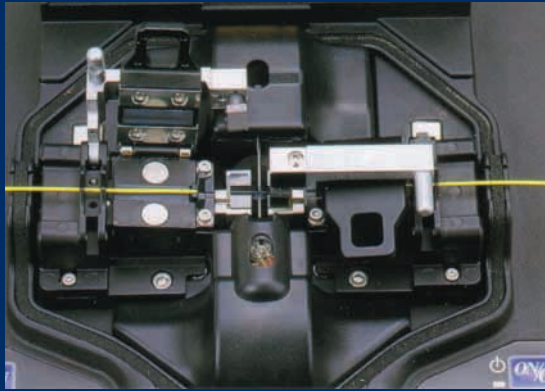
FSM-40S

Profile Alignment Fusion Splicer



Features

- Fully automatic core to core fibre alignment with splice loss estimation
- Automatic fibre type identification
- 15 second typical splicing time
- Dissimilar fibre splicing
- Simultaneous X/Y view with 264X magnification
- Compact and lightweight
- Modular power supply bay for internal battery or AC adaptor
- Available as FSM-40SB (rear mounted monitor) version



Top View



Accessories

Specifications



■ Fibre Types :	Singlemode, multimode, dispersion shifted, non-zero dispersion shifted, cut-off shifted and Erbium doped
■ Fibre Coating :	250µm and 900µm
■ Average Splice Loss :	0.02dB with singlemode, 0.01dB with multimode and 0.04dB with non-zero dispersion shifted
■ Return Loss :	>60dB
■ Fibre Cleave Length :	8 to 16mm
■ Splice Protection Sleeves :	40mm, 60mm and micro sleeve heater modes
■ Atmospheric Compensation :	Automatic up to 3500 metres altitude with temperature and humidity compensation
■ Proof Test :	2N mechanical proof test
■ Fibre Viewing Method :	Dual CCD cameras and 5" LCD colour monitor
■ Magnification :	132X and 264X
■ Splice Data Storage :	2000 splice data records
■ Power Supply :	Modular bay accepts 12V 4.5Ah battery or AC adaptor (85-265V)
■ Dimensions (WxDxH) :	172mm x 186mm x 180mm
■ Weight :	4.9kg (FSM-40SA), 5.2kg (FSM-40SB)
■ Operating Temperature :	-10°C to +50°C
■ Storage Temperature :	-40°C to +80°C

Standard Items

Item	Description
1	FRP carry case
2	ADC-07, AC adaptor/battery charger
3	Instruction manual
4	Spare electrodes

Optional Accessories

Item	Description
1	BTR-05 – Field replaceable battery
2	DCC-08 – Battery charge lead
3	DCA-01 – Detachable DC adaptor
4	DC lead

SPECIFICATIONS AND DESCRIPTIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.



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