

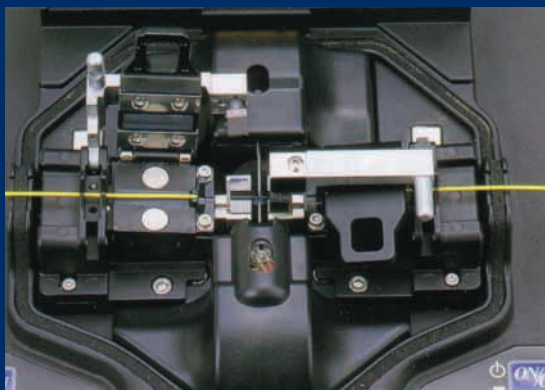
# FSM-40S

## 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



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