

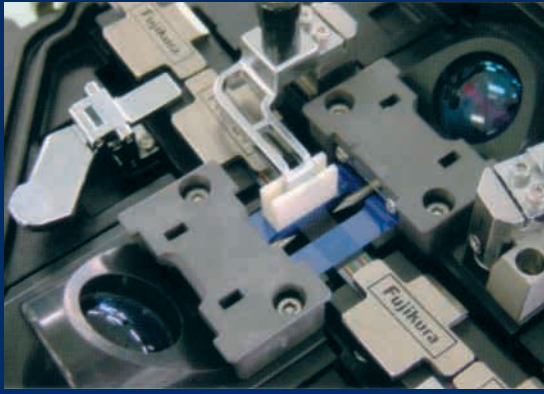
FSM-40R24

Mass Fibre Fusion Splicer



Features

- Fully automatic with splice loss estimation
- Splices 24, 16, 12, 10, 8, 6, 5, 4, and 2 fibre ribbons and single fibres
- Unique Electrode Driving System (EDS)
- High resolution 5" TFT colour LCD display
- Compact and lightweight



Top View



FSM-40R24

Specifications



■ Fibre Types :	Singlemode (G.652), multimode (G.651), dispersion shifted (G.653) and non-zero dispersion shifted (G.655)
■ Fibre Configurations :	Single fibre or 2, 4, 5, 6, 8, 10, 12, 16 and 24 fibre ribbon/bundle
■ Average Splice Loss :	0.05dB with singlemode, 0.03dB with multimode and 0.08dB with dispersion shifted and non-zero dispersion fibre
■ Return Loss :	>60dB
■ Typical Splicing time :	50 seconds maximum for 16 and 24 fibre ribbon. 40 second maximum for single to 12 fibre ribbon
■ Typical Heating Time :	Maximum 120 seconds for FPS24-40 sleeves
■ Splicing Mode :	30 programmable modes with up to 96 modes in database area
■ Heater Modes :	5 preset and 10 programmable modes
■ Data Storage :	91 results with 24 fibre ribbon. Maximum 320 results
■ Fibre Cleave Length :	10mm
■ Splice Protection sleeves :	40mm, 60mm and micro sleeve heater modes
■ Atmospheric Compensation :	Automatic up to 3500 metres altitude with temperature and humidity compensation for 12 fibre, 0 to 1800m for 24 fibre, 0 to 3000m for 16 fibre
■ Proof Test :	1.96N (200gf) mechanical proof test
■ Fibre Viewing Method :	2 axes via CCD camera and 5" LCD colour monitor
■ Power Supply :	Accepts AC 100-240V or DC 10.5 to 14V
■ Dimensions (WxDxH) :	160mm x 170mm x 180mm
■ Weight :	4.3 Kg
■ Operating Temperature :	-10°C to +50°C
■ Storage Temperature :	-40°C to +80°C

Standard Items

Item	Description
1	FRP carry case
2	Monitor cover
3	Spare electrodes
4	AC power lead
5	FH-24 fibre holders
6	MGS-04 magnifier
7	Instruction manual

Optional Accessories

Item	Description
Fibre Holder Pairs	
1	FH-250 – Single fibre (250um)
2	FH-900 – Single fibre (900um)
3	FH-2 – 2 Fibre ribbon
4	FH-4 – 4 Fibre ribbon
5	FH-5 – 5 Fibre ribbon
6	FH-6 – 6 Fibre ribbon
7	FH-8 – 8 Fibre ribbon
8	FH-10 – 10 Fibre ribbon
9	FH-12 – 12 Fibre ribbon
10	FH-16 – 16 Fibre ribbon
11	FH-24 – 24 Fibre ribbon

SPECIFICATIONS AND DESCRIPTIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.