

DVP720A

Profile Alignment Fusion Splicer

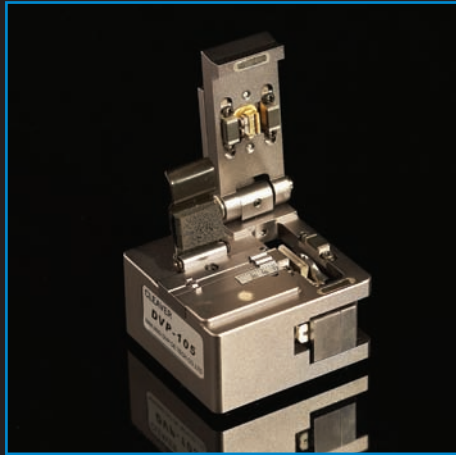
The DVP720 is a CORE ALIGNMENT automatic singlemode fusion splicer. It is capable of both automatic and manual override for both singlemode and multimode fibre.

The DVP720A provides versatile power options operating on either mains via the AC adaptor (85V to 260V) or battery (up to 150 splice operations). Average splice losses are 0.02dB (SM), 0.01dB (MM), 0.04dB (DS) and 0.04dB (NZ). First line servicing and after sales support is provided by our engineers here in the UK.

Features:

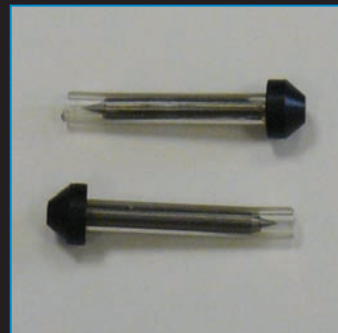
- Fully automatic core alignment with full manual override
- Fast 9 second splice time, 40 second heat oven time
- Mains and battery operated, up to 150 splices per battery charge
- User programmable
- Simultaneous X and Y views
- DVP105 cleaver included
- Technical/service support in the UK





Technical Specifications DVP720A

Applicable fibres	SM, MM, DS, NZ-DS, EDF
Cladding diameter	100 to 150um
Coating diameter	100 to 1000um
Fibre cleaved length	8-22mm (standard)
Splicing mode	Auto and manual (80 programmes in total)
Average splicing loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return loss	≥ 60dB
Environment conditions	-25~+50 C (operation temperature), 0~95% RH (humidity) 0~5000m (altitude)
Storage environment	-40~+80 C (temperature), 0~95% RH (humidity)
Protection sleeve length & heat time	20mm, 40mm, 60mm 20-99 seconds (40 seconds typical)
Tension Test	2.0N (standard)
Language	English, Chinese, Korean, Russian, etc.
Interface	RS232 interface
Power supply	AC adapter: 85~260V input voltage Internal battery: 12V voltage, 10Ah, up to 150 continuous splices and heats DC adapter: 12V voltage, optional multipurpose external battery
Dimensions	160 (W) x 160 (H) x 180 (D) mm
Weight	4.2kg (bare splicer), 10.9kg (total package)



Technical Specifications DVP105

Cleave angle	< 1 degree
Replaceable blade	Yes
Cleave wheel positions	16
Cycles	Up to 50,000 cleaves
Adjustable cleave length	10-20mm