

FR-100/FR-101 Optical Fiber Recoaters



- ※ Automatic operation with various sizes of quartz molds available
- ※ UV curing LEDs provide fast curing times and long lifetimes
- ※ Easily exchangeable molds, resin bottle and pump assemblies
- ※ Exact volume of resin to the mold cavity to ensure consistent
- ※ Recoat performance
- ※ Designed for Acrylate-Coated Fibers

Specifications

Model Number	FR-100	FR-101
Applicable Fiber Count	Single fiber	
Mold Material	Quartz glass	
Recoat Diameters	195 μ m, 280 μ m, 450 μ m, 600 μ m, 850 μ m, 1000 μ m	
Recoat Length	4 - 50mm , accuracy \pm 20%	
Applied UV Resin	Acrylate	
Curing Lamp	Up and down 2 directions, Irradiation position, irradiation time	
UV Light Curing Time	UV resin injecting time: 20s; Curing time: 4s ; Recoat length: 20mm; DSM950-200 (Test environment temperature: 25 $^{\circ}$ C)	
Coating Program	35 modes	
Proof Program	40 modes	
Other	LED auxiliary lighting, easy to observe the glue level. Mold can be replaced	
Data Storage	1000 records in total	
Proof - tester	/	0.2~2.0kgf
Power Supply	Adapter: AC100~ 240 V; 50 /60Hz; DC11~13.5V , 5A	
Dimension	170mm(L) \times 250mm(W) \times 176mm(H)	170mm(L) \times 250mm(W) \times 170mm(H)
Weight	4.3kg(with battery)	4.8kg(with battery)

Package

Description	Model Number	Quantities
Fiber recoater mainbody	FR-100/FR-101	1 pc
Mold	FR-100-MOLD-280 (Optional)	1 set
Power cord	ACC-97	1 pc
AC adapter	ADC-97	1 pc
USB manual	/	1 pc
Tools	HEX-01/02/03	1 set (M3/M2.5/M2)
Quick operation manual	/	PDF file in USB
Instruction	FR-100-QRG-100	1 pc
Carton	X41F	1 pc (440x380x270mm)
Foam liner	/	1 pc

Specifications and descriptions are subject to change without prior notice.