

ARC Master™

APM-100

NEW PRODUCT



Features

- Automatic, no skills required.
- Quick operation as little as 18 sec for stripping / cleaning / cleaving.
- Automatic residue collection and cleaning.
- Alcohol circulation system allowing prolonged time between refills.
- Diamond blade provides consistent cleaving quality.
- Stripping method reliable with minimum fiber damage.

ARC Master™ product line

Fujikura's new "ARC Master" splicers are engineered with a robust set of features that offer customers technology and reliability not available elsewhere. The need for Accurate, Reliable, and Consistent splicing is expanding to new applications beyond telecommunications. These entirely new "ARC Master" fusion splicers from Fujikura have been developed to provide the ultimate in performance and flexibility for a variety of customers and markets.

Additional information can be found at www.StateoftheARC.com website which is the central repository of information for all of Fujikura's state of the arc fusion splicer products. Stay tuned to www.StateoftheARC.com for forthcoming additions to the "ARC Master" family of specialty fusion splicers where incremental capabilities will be revealed.



SPECIFICATION

Description	APM-100
Applicable fiber	Conventional silica optical fiber
Fiber diameter	Cladding diameter : 125 μm, Coating diameter : 250 μm
Fiber holder	FH-100-xx
Cleave length	3 to 9 mm
Cleaving angle	Typically 0.5 degrees (single mode fiber)
Operation time	18 sec
Dimensions	170 (W) × 260 (D) × 120 (H) mm
Weight	5.0kg
Power supply	External AC adapter : ADC-15 Input : AC 100 to 240 V (50 to 60 Hz)
Operating condition	0 to 95%RH and 0 to 40 degC (non-dew)
Storage condition	0 to 95%RH and -40 to 80 degC (non-dew)
Compressed air	0.4MPa (4bar)

STANDARD PACKAGE

Name	Model	Qty.
Optical fiber automatic preparation machine	APM-100	1pc
AC adapter	ADC-15	1pc
AC power cord	ACC-**	1pc
Alcohol container	ALC-01	1pc
Alcohol tube	ALT-01	3pcs
Air pressure regulator	REG-01	1pc
Hexagonal wrench	HEX-01	1pc
Instruction manual	M-APM100-E	1pc
Cleave test report	-	1pc

STANDARD PACKAGE



OPTIONAL ITEMS

Item	Model	Note
Coating strip blade	CSB-250	For replacement (for coating diameter 250 μm)
Cleave blade	CB-04	For replacement
Fiber holder	FH-100-***	Fiber holder for FSM-100 series *** : Coating diameter
	FH-100-***-EV	060,100,125,150,180,210,250,300,350,400,500,600,700,800,900, 1000,1100,1200,1300,1400,1500,1600,1700,1800,1900,2000 μm -EV is fiber holder for End-view observation system

1. Set



Set fiber (Fiber holder needed).

2. Stripping, cleaning and cleaving



Press SET button to perform stripping, cleaning and cleaving fiber.

3. Finish



Completed.

Specifications and descriptions are subject to change without prior notice.

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