

## SUN-EC-A Fiber End-face Inspector

Sun Telecom's SUN-EC-A series of fiber end-face inspector is integrated equipment which combines an optical microscope and a monitor in one body, it can accurately inspect fiber optic connectors end faces by adjusting the X and Y axis. SUN-EC-A series of fiber end-face inspector have clear images and a long lifetime. It has different kinds of adaptors for a wide variety of connectors and can save the images it shows to an SD card. It is easy to operate and widely used in fiber optic patch cord manufacturing and fiber optic connector end face quality inspection.



### Features

- Integrated design
- Easy operation and clear imaging
- Image input & output and storage function
- Full scale inspection by adjusting the X and Y axis

### Applications

- Fiber optic patch cord manufacturing

### Specifications

Parameters	Specification		
Model	SUN-EC200-A	SUN-EC400-A	SUN-EC400-AP
Optical Magnification	200X	400X	400X
Monitor Visual Field (um)	375~500	180~250	180~250
Focusing Method	Manual		
Image Output Mode	PAL		
Displayer	8' TFT, 800*600		
Adaptor Interface	2.5mm UPC universal male adaptor (FC/SC/ST) 1.25mm UPC universal male adaptor (LC/MU)		
Power Supply (V)	Input: AC100-240 Output: DC12		
Power (w)	3		
Working Temperature (°C)	10 ~ +50		
Storage Temperature (°C)	0 ~ +55		
Dimensions (mm)	270(L) x 245(W) x 155(H)		
Weight (kg)	1.7		

**Standard Accessories**

No.	Product	Unit	Quantity
1	Fiber End-face Inspector	set	1
2	2.5mm UPC Universal Male Adaptor	piece	1
3	1.25mm UPC Universal Male Adaptor	piece	1
4	2G SD Memory Card	piece	1
5	Power Adapter	piece	1

**Optional Accessories**

No.	Product	Unit	Quantity
1	SC/APC Male Adaptor	piece	1
2	LC/APC Male Adaptor	piece	1
3	FC/APC Male Adaptor	piece	1
4	2.5mm APC Universal Male Adaptor	piece	1
5	1.25mm UPC Universal Duplex Male Adaptor	piece	1
6	MT/UPC Adaptor	piece	1
7	MT/APC Adaptor	piece	1
8	MPO/UPC Adaptor	piece	1
9	MPO/APC Adaptor	piece	1

**Ordering Information**

Model	Name	Description
<b>SUN-EC200-A</b>	Fiber End-face Inspector	Bench-top integrated axial adjustment type; 200X, manual focus; 2.5mm UPC universal male adaptor and 1.25mm UPC universal male adaptor included; 2G SD memory card
<b>SUN-EC400-A</b>	Fiber End-face Inspector	Bench-top integrated axial adjustment type; 400X, manual focus; 2.5mm UPC universal male adaptor and 1.25mm UPC universal male adaptor included; 2G SD memory card ( <b>Note: MPO connectors with PIN NOT inspectable</b> )
<b>SUN-EC400-AP</b>	Fiber End-face Inspector	Bench-top integrated axial adjustment type; 400X, manual focus; 2G SD memory card; Adaptors <b>NOT</b> included ( <b>Note: MPO connectors with PIN inspectable</b> )
<b>SUN-EC-A-250</b>	Fiber Optic Adaptor	2.5mm UPC universal male adaptor; Used for SUN-EC-A series Fiber End-face Inspector
<b>SUN-EC-A-125</b>	Fiber Optic Adaptor	1.25mm UPC universal male adaptor; Used for SUN-EC-A series Fiber End-face Inspector
<b>SUN-EC-A-ASC</b>	Fiber Optic Adaptor	SC/APC male adaptor; Used for SUN-EC-A series Fiber End-face Inspector
<b>SUN-EC-A-ALC</b>	Fiber Optic Adaptor	LC/APC male adaptor; Used for SUN-EC-A series Fiber End-face Inspector



<b>SUN-EC-A-AFC</b>	Fiber Optic Adaptor	FC/APC male adaptor; Used for SUN-EC-A series Fiber End-face Inspector
<b>SUN-EC-A-A250</b>	Fiber Optic Adaptor	2.5mm APC universal male adaptor; Used for SUN-EC-A series Fiber End-face Inspector
<b>SUN-EC-A-D125</b>	Fiber Optic Adaptor	1.25mm UPC universal duplex male adaptor; Used for SUN-EC-A series Fiber End-face Inspector
<b>SUN-EC-A-MT</b>	Fiber Optic Adaptor	MT/UPC adaptor; Used for SUN-EC-A series Fiber End-face Inspector
<b>SUN-EC-A-MPO</b>	Fiber Optic Adaptor	MPO/UPC adaptor; Used for SUN-EC-A series Fiber End-face Inspector
<b>SUN-EC-A-AMT</b>	Fiber Optic Adaptor	MT/APC ferrule adaptor; Used for SUN-EC-A series Fiber End-face Inspector
<b>SUN-EC-A-AMPO</b>	Fiber Optic Adaptor	MPO/APC adaptor; Used for SUN-EC-A series Fiber End-face Inspector



日本デバイス株式会社 E-mail [sales@j-device.com](mailto:sales@j-device.com)

[www.j-device.com](http://www.j-device.com)

Tel 03-6262-3424 Fax 03-6800-5883

*Note: For the necessity of improvement, the material contained in this document is subject to change without notice.*

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