

## JW5005V Fiber Microscope



**Feature:**

Consistent alignment, simple to operate

Single-way focus control, easy access

400×, High definition, clear image

Lighter and Handy

Changeable High-capability Batteries

Video&Voice on-site record

2.7"HD, Brightness & Contrast Adjust  
Judgment

27 assorted of tips available to have both PC and APC end face inspection.

60°angle tips to test multiple types of connectors in many hard-to-access places or bottom of patch panel.

Ability to inspect MPO/MTP etc PC and APC multiple cores end face.

Precise cone contact to reach 98% alignment consistency.

SD card inside the monitor can be easily access to PC or laptop.

Optional Software Function for end face data analyze and judgment based on different IEC criteria.

Stable for more than 8 hrs continuous work with less than 3% failure.

Portable and Convenient and Easy to take.

**Overview :**

JW5005 features unparalleled advantages of probe adjustment and alignment, displaying high definition and clear image for inspection. It includes 700B probe and 2.7inch monitor for the whole set.

JW5005 is of a high performance fiber end face inspection probe. Compared with the traditional tools, its unique single-way of focus control greatly simplifies the work. No matter left or right hand, forward or reverse operation, it can quickly get the end face inspected and have image displayed easily in one-way.

2.7inch display also supports in Video record/Voice editing/Image Capture/Zoom out &in function/File Generated&Stored/Grid Judgment etc assorted function. It can be easily access to PC or laptop through SD card inside the display. Overall, the whole set will be more costly , quick and convenient for both in-doors and out-doors operation.



## Tips Selection



### PC Type Tips

To test 1.25 and 2.5mm ferrule or bulk-head mounted connectors as SC, FC, ST, E2000, LC, MU etc PC end face.



### APC Type Tips

To test 1.25 and 2.5mm ferrule or bulk-head mounted APC connectors, as type of 1.25/APC-M, 2.5/APC-M, FC/APC-F, SC-APC-F, LC/APC-F, E2000/APC-F etc APC end face.



### Angle Type Tips

To test male or female end face in specific hard to access places, as example of female adapters at the bottom of patch cord. The tips combines 60°base tip to offer angle way for testing and additional function tips.

Related model as SC/PC-F60, FC/PC-F60, LC/APC-F60, E2000/APC-F60, SC/APC-F60, FC/APCF60, LC/APC-F60, E2000/APC-F60.



### APC Type Tips

To test 1.25 and 2.5mm ferrule or bulk-head mounted APC connectors, as type of 1.25/APC-M, 2.5/APC-M, FC/APC-F, SC-APC-F, LC/APC-F, E2000/APC-F etc APC end face.

## Specification:

Component		Arguments	Value	Arguments	Value	Arguments	Value
Probe		Magnification	400X	L*W*H (mm)	180*22*56	Storage Temperature	-18°C-35 °C
		Resolution(μm)	1.0	Image Sensor	1/3 600	View of field(mm)	0.40*0.31
		Weight(Kg)	0.11				
2.7 Inch Display	Image	Image size (mm)	21.25	Pixel	230000		
	Video	Frequency	FM 2.4MHz	Video Output Mode	NTSC / PAL	2.7 Inch Display	960x240 LCD
		2.7 Inch Display	960x240 LCD	Output file format	AVI/ASF/ MOV		
	Internal Memory	Capacity	128MB/1GB	USB	USB 1.1/2.0		
		Memory Card	SD/MMC	Disk Format	FAT32		
Power Supply	Adapter	DC 5V 2A	Battery Volume	Lithium 1800Mah	Continued Working Hours (h)	≥8	
EFD3.0 Version Data Analyze Software		1 Verification of Fiber end face quality, pass or fail judgment based on standard international criteria IEC. 1 Report file generated to have scratch, spot etc defects measured and counted around the fiber end face. 1 Analyze Support in image, video and real-time inspection.					

## Order Information :

	<i>Item</i>	<i>Quantity (pcs)</i>
Standard Configuration	Probe	1
	2.7 Inch Display	1
	Standard tips: SC-PC-F, FC-PC-F, LC-PC-F, 2.5PC-M	1 respectively each type
	Power Cord	1
	Earphone Wire	1
	USB Wire	1
	Vedio Wire	1
	SD Card&Reader	1
	Black Bag	1
Optional Configuration	8G TF Reader 1 pcs, Li-ion 2 pcs, Charger 1 pcs, USB wire 1 pcs, earphone cord 1 pcs, case 1 pcs	