

FOI-400AC AutoCheck Microscope

Intelligent integrated fiber end face visual inspector



Description:

AutoCheck is the intelligent integrated fiber end face inspector with the advantages of analysis software and high performance embedded system. AutoCheck can identify the tiny defects accurately, conveniently and simply. The fiber end face inspection complies with IEC standards and customized criteria.

Automatic defects analysis

With the help of analysis software and high performance embedded platform, AutoCheck can identify the tiny defects and scratches on the image. The precise performance doesn't rely on operator's experience.

Android embedded system

AutoCheck is based on a stand-alone Android embedded system. No extra parts are required to perform inspection and reporting. System monitoring and upgrading are convenient and simple.

Pre-set IEC criteria for inspection

AutoCheck uses customized criteria for fiber end face inspection. The latest IEC standard is configured as the default criteria. The fiber end face inspection is simplified to select criteria then just click the measure button. The testing accuracy, reliability and repeatability are guaranteed.

Multi accesses to testing result

The testing reports will be saved on SD card or server through WIFI or Ethernet. It's convenient to document the testing results for reference in the future.

Automatic reporting

AutoCheck stores the testing report to SD card after each inspection. The comprehensive testing report helps manage and review the testing results.

Intelligent inspection

AutoCheck can be configured to start the inspection automatically. After the position of fiber end face locked, AutoCheck will focus the image automatically and then will start the measurement.

Models

Based on 200x or 400x magnification, adjustable or fixed sight and suitable products, AutoCheck is offered in different models, shown in the following table.

Features:

- Automatic analysis
- Android embedded system
- Build in IEC criteria
- Automatic reporting in multi formats
- Data statistics
- Multi hardware interfaces
- WIFI and Ethernet accessible

Standard accessories:

- FOI-400AC AutoCheck, 1pc;
- DC 12V power adaptor, 1pc;
- SD card, 1pc;
- USB mouse, 1pc;
- Universal 2.5 mm/PC adaptor tip, 1pc;
- Universal 1.25 mm/PC adaptor tip, 1pc;

Model	AC200	AC400
Magnification	200x	400x
XY Adjustable	O	O
Video Output Mode	Digital	
CCD Resolution	1.3 million pixels	
Focusing	Manual	
Image Analysis	Auto	
Power Consumption	3 W	
Operational Temperature	-10°C to +40°C	
Storage Temperature	-20°C to +55°C	
Interface	3x USB, 1xS D, 1x Ethernet	
Display	8" TFT 800x600 PIX	
Power Supply	DC 12 V	
Size (H x W x D) mm	270 mm x 245 mm x 155 mm	
Weight	1.6 kg	



Optional accessories

Adaptor & Connector Type	Application	Ordering code
2.5 mm/PC ferrule adaptor	SC/PC, FC/PC, E2000/PC, ST/PC	FSAC-2.5-PC-M
1.25 mm/PC ferrule adaptor	LC/PC, MU/PC	FSAC-1.25-PC-M
SC module adaptor	SC Tosa, SC Rosa	FSAC-SC-MA
LC module adaptor	LC Tosa, LC Rosa	FSAC-LC-MA
MT adaptor	MT adaptor	FSAC-MT-M
SC transceiver adaptor	SC Tosa, SC Rosa, SC transceiver, SC adaptor	FSAC-SC-TA
LC transceiver adaptor	LC Tosa, LC Rosa, LC transceiver, LC adaptor	FSAC-LC-TA
MT/PC ferrule adaptor	MT/PC ferrule	FSAC-MT-PC-FA
MT/PC connector adaptor	MT/PC connector	FSAC-MT-PC-CA
MTRJ ferrule adaptor	MTRJ ferrule	FSAC-MTRJ-FA
MTRJ connector adaptor	MTRJ connector	FSAC-MTRJ-CA
MT/APC ferrule adaptor	MT/APC ferrule	FSAC-MT-APC-FA
MT/APC connector adaptor	MT/APC connector	FSAC-MT-APC-CA
E2000/APC adaptor	E2000/APC male	FSAC-E2000-APC-M
1.25 mm/PC duplex connector	LC/PC duplex, MU/PC duplex	FSAC-1.25-PC-DU-M
SMA/PC ferrule adaptor	SMA/PC male	FSAC-SMA-PC-M
MT angled 90 degree adaptor	MT adaptor	FSAC-MT-90-M
2.5 mm/PC long working distance ferrule adaptor	SC/PC, FC/PC, E2000/PC, ST/PC	FSAC-2.5-PC-LO-M
1.25 mm/PC long working distance ferrule adaptor	LC/PC, MU/PC	FSAC-1.25-PC-LO-M
2.5 mm/APC ferrule adaptor	SC/APC, FC/APC, E2000/APC, ST/APC	FSAC-2.5-APC-M
SC/APC connector adaptor	SC/APC male	FSAC-SC-APC-M
LC/APC connector adaptor	LC/APC male	FSAC-LC-APC-M
FC/APC connector adaptor	FC/APC male	FSAC-FC-APC-M

Note: Male tip: to inspect ferrule of patchcord, Female tip: to inspect ferrule inside of adaptor