

AutoCheck Integrated Fiber Endface Inspector



AutoCheck is the first intelligent integrated fiber end-face inspector developed by Dimension Technology. With the advantages of Dimension image 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 standard and customized criteria.

Main Features

- Automatic Analysis
- Automatic Reporting
- Android Embedded System
- Built-in IEC Criteria
- Wireless and Wired Internet Access

Applications

- Optical fiber connector endface inspection

Pre-set IEC Criteria

AutoCheck offers IEC and customized criteria for fiber optic endface inspection. The latest IEC standard is configured as the default criteria. Just select the criteria as you want, click the Measure button, then you can get the testing results with high accuracy, reliability and repeatability.

Automatic Analysis

AutoCheck can detect the tiny defects, marks and scratches on the images totally automatically and precisely without human intervention.

Multi Accesses to Testing Result

The testing reports will be saved on SD card or server by wireless or wired internet. It's convenient to document the testing results for reference in the future. The universal interface design has more capability and compatibility to inspect different connectors and modules.



Android Embedded System

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

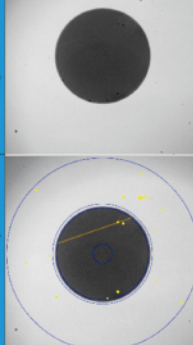
Intelligent Inspection

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

Measure Report			
		Auto Check Inspector	
Dimension Technology Co., Ltd			
合格			
Device SN			SN
Product ID			3
Description			AutoCheck
Measure Task			EC_PC_SM_RL45_SF
Produced by			Dimension
Test Time			2016/8/27 15:02
Operator			employee
Zone		Defects	
	Inner	Outer	Count
A	0	25	0 P
B	25	120	4 P
C	120	130	1 P
D	130	250	14 P
		Scratches	
		Count	P/F
Signature		Date	

Original

Analysis



User interface

Specifications

Item	AC200 V2	AC400 V2
Magnification	200X	200X
XY Adjustable	O	O
CCD Resolution	1.3million Pixel	
Image Analysis	Auto	
Focusing	Manual	
Image Format	Digital	
Power Consumption	3W	
Operating Temperature	-10°C~+40°C	
Storage Temperature	-20°C~+55°C	
Interface	3×USB, 1×SD, 1×Ethernet	
LCD Display	8" TFT 800×600 PIX	
Power Supply	DC 12V	
Weight	1.6kg	
Size (H×W×D)	270mm×245mm×155mm	