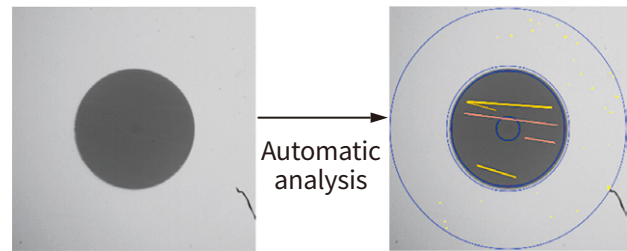


AutoCheck Integrated Fiber Endface Inspector



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

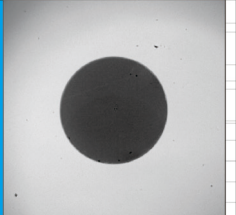
AutoCheck is a stand-alone Android embedded system. No extra parts are required to perform inspection and reporting. System monitoring and upgrading are convenient and simple.

Intelligent Inspection

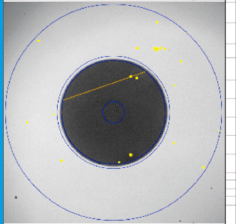
AutoCheck can be configured to start the inspection automatically. After the position of fiber endface locked, AutoCheck will focus and center the image automatically, then start the measurement.

Measure Report						
DIMENSION Auto Check Inspector		Dimension Technology Co.,Ltd				
合格						
Device SN		SN				
Producer IC			3			
Description		AutoCheck				
Measure Task		IEC_PC_SM_RL45_SF				
Produced by		Dimension				
Test Time		2016/8/27 15:02				
Operator		employee				
Zone		Defects		Scratches		
	Inner	Outer	Count	P/F	Count	P/F
A	0	25	0	0 P	0	0 P
B	25	120	4	4 P	1	1 P
C	120	130				
E	130	250	14	14 P	0	0 P
Signature				Date		

Original



Analyse



Specifications

AUTOCHECK has different configurations like 200x or 400x magnification, fixed or adjustable X/Y positions. Refer the following table for the details.

Item	AC200	AC400
Magnification	200X	400X
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	3XUSB, 1XSD, 1XEthernet	
LCD Display	8" TFT 800*600 PIX	
Power supply	DC 12V	
Weight	1.6kg	
Size (HXWXD)	270mmX245mmX155mm	

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