EASYCHECK Integrated Endface Inspector

Features:

- Integrated Design
- Encircle Focus Ring
- Dust Proof Design
- Centered Fiber Core
- Image Capturing Function
- Image Output & Input Function
- Ergonomics Design

ORDER CODE — EASYCHECK

Easycheck is an integrated endface inspector developed by Dimension Technology, it combines the microscope and monitors in one body. Due to its compact design, the instrument is easy to operate and saves the working space.

Equipped with high resolution sensor and monitor, the Easycheck can detect even slightest defects and scratches on endface. it increases testing speed and protect operator's eyesight in long term usage.

1 Integrated Design

Easycheck has a compact size due to its integrated design and saves working space, it is a great breakthrough compared with traditional endface inspector of separate structure and remove the annoying cables between monitor and microscope.

2 High Image Quality

With coaxial illumination optical magnify system, Easycheck can easily find the slight defects on fiber endface. High resolution image sensor and 8″ pure black-and-white digital TFT LCD can show the most truly details of fiber endface.

3 Unique Structure

Compared with the traditional fiber endface inspector, Easycheck has so many unique features, including the encircle focus design, dust-proof design, image centered design. These features make the inspection more convenient and faster, and greatly extend the working life of the device.

4 Image Output & Input and Capture Function

Easycheck provides video input and output functions to fulfil the various demand of customers. The Easycheck is able to connect to Easyget portable inspector and make it very easy to test various female types of connectors.

Easycheck also has image capture function, it can capture image of the endface and save it in SD card provided with Easycheck. The image capture function offers a great help in manufacturing and quality controlling.

Connect to Easyget

Image Storage Function

EASYCHECK Integrated Endface Inspector
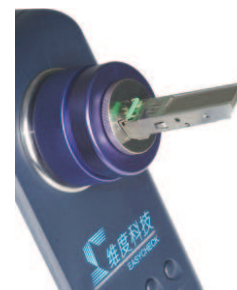
5 Designed for All Products Inspection

Easycheck has series of adaptors, and it is able to check all kinds of fiber connectors(including MPO/MTP, MT-RJ connector）, Optical transceiver Module(including 40G-100G, MPO Module) , TOSA & ROSA components and so on.
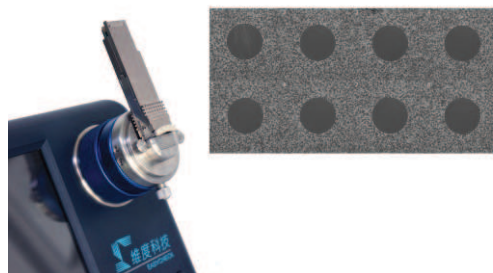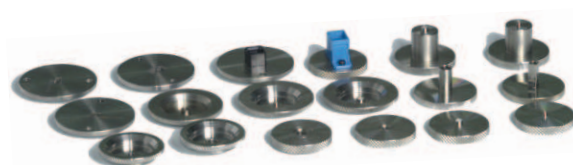
MPO Connector Inspection

TOSA & ROSA Inspection

LC transceiver Inspection
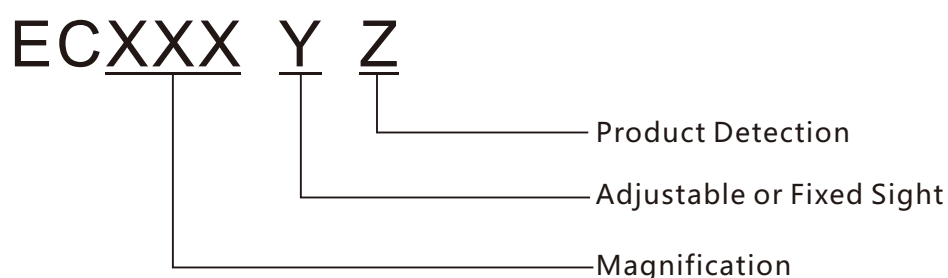
40G & 100G Transceiver Module

Embedded Ceramic Sleeves

Series of Adaptors

6 Adjustable Sight for Multi-Fiber Products

Easycheck has models with adjustable sight designed for multi fiber connectors. The range of the adjustable sight is 4mm*4mm and able to cover 72 core MT ferrules and connectors. We have improved the adjustment handle to make the operator more comfortable.

7 Model Definition

ECXXX Y Z

Product Detection

Adjustable or Fixed Sight

Magnification

EASYCHECK Integrated Endface Inspector

8 Specifications

Easycheck has several models for different applications such as 80X, 200X, 400X magnifications, adjustable or fixed sight and adaptors for different products.

Model		EC080B	EC200B	EC400B	EC080K	EC200K	EC400K
Magnification		80X	200X	400X	80X	200X	400X
X , Y Axis Adjustable or Fixed Sight*		Fixed	Fixed	Fixed	Adjustable	Adjustable	Adjustable
CCD Resolution		1/3" 520 Line CCD					
CCD Mode		PAL					
Monitor		8" TFT 800*600 LCD					
Output		1*RCA , 1*SD card reader					
Input		1*RCA , 1*USB only for Easyget					
Product Detection	C	O	O	O	O	O	O
	Z	O	O	O	O	O	O
	M	O	O	X	O	O	X
Operating Temperature		0 ~ 50 ℃					
Storage Temperature		-10 ~ 55 ℃					
Power Supply		12V DC					
Size		270mm*245mm*155mm					
Weight		1.6kg					

*Adjustable Sight model is used for testing multi-fiber connectors such as MPO、MTRJ、MTP.

Product Detection Introduction

Product Detection	Introduction
C	C Type has adaptors for connectors and ferrules, you can also use it to test TOSA & ROSA (optional adaptors needed)
Z	Z Type has adaptors for optical components such as TOSA, ROSA, you can also use it to test connectors and ferrules (optional adaptors needed)
M	M Type has adaptors for optical components such as TOSA, ROSA and transceivers such as SFP, QSFP, you can also use it to test connectors and ferrules (optional adaptors needed)