

CA3002 Easycheck Fiber Endface Inspector

Technical Specification V1.00

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 UC INSTRUMENTS CORP.

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CA3002 Easycheck Fiber Endface Inspector

(Ver 1.00)

The integrated style design makes the size compact and operation easy. You are no longer to worry about so many cables between monitor and microscope, greatly saving the time for operation and worktable space, thus creating more productivity. Easycheck have a series different model according to different application, it has photo capture function; for transceiver checking; X、Y adjustable; image auto analysis and judgement, etc. The user can choose the desired model per the requirement.

Features

- Integrated style design, easy operating
- Image storage function
- Safe and humanize design
- Perfect image quality
- Dust proof design
- Precise ceramic adaptor
- Image output function
- Fast Ethernet / USB interface

Applications



EC200:200X magification.

EC400:400X magification.

Application: the common single core connector endface inspection.



EC80M : 80X magnification

EC200M : 200X magnification

Application: Tosa/Rosa module,transceiver endface inspection.





External adaptors

It makes the connector to be inserted and draw easily, especially it is more easy for TOSA/ROSA module.

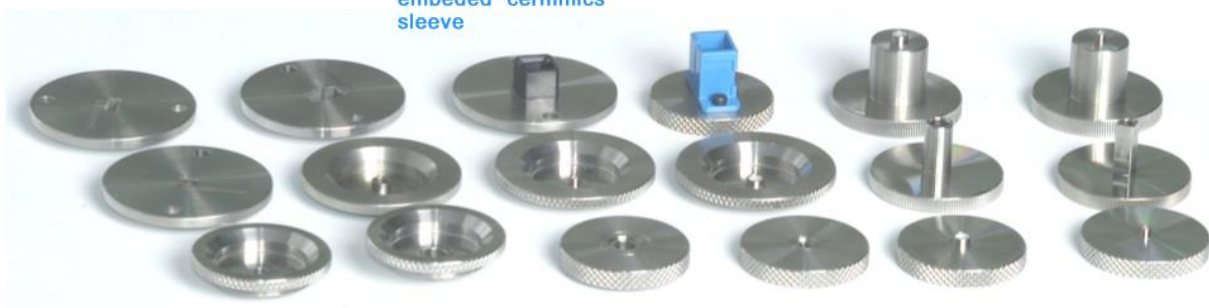


Dustproof design

The idea of dustproof has been adopted in the encircling focusing system. Even working in dirty environment for a long time would not result in inhalation of dust and affect the focus performance.



Easycheck series of adaptors make Easycheck to easily check PC/APC connectors, fiber transceiver, Tosa/Rosa module, MPO/MTP, MTRJ, etc.





EC200A: 200X magnification, auto- analysis endface
 EC400A: 400X magnification, auto- analysis endface

| Zone | Defects | Scratches |
|---------------------|---------|-----------|
| Zone A (0 to 25) | PASS | PASS |
| Zone B (25 to 120) | FAIL | PASS |
| Zone C (120 to 130) | PASS | PASS |
| Zone D (130 to 230) | FAIL | PASS |

| Low Magnification | High Magnification |
|-------------------|--------------------|
| | |

Set up auto-analysis program per IEC standard, clear image, auto capture image and analysing endface spots, scratches and judge to be OK or NG, thus reducing the artificial factor, and it can save data and report.



Image input/output function
 Easycheck has been equipped with input tip for Dimension Technology's Easyget fiber endface microscope to deal with various female connector inspections.



Image Capture Function
 Capture the image your desired per your requirement and save it in SD card.

Technical Specification

| Model | EC80 | EC200 | EC400 | EC200K | EC400K | EC80M | EC200M | EC200A | EC400A |
|-----------------------------|------------------------|-------|-------|--------|--------|-------|--------|-----------------------|--------|
| Amplification Factor | 80X | 200X | 400X | 200X | 400X | 80X | 200X | 200X | 400X |
| XY Axis Adjustable ** | - | - | - | 0 | 0 | - | - | - | - |
| Image Input / Output Format | Simultaneous PAL | | | | | | | Digital | |
| CCD Resolution | 1/3" 520 Cable | | | | | | | 1/3" 1024 X 768 Pixel | |
| Output Port | RCA | | | | | | | USB | |
| Input Port | Port RCA | | | | | | | USB | |
| Focus Mode | Manual | | | | | | | Automatic | |
| Image Analysis | - | | | | | | | O | |
| Power Consumption | 3W | | | | | | | 10W | |
| Working Temperature | +10°C ~ +50°C | | | | | | | +15°C ~ +50°C | |
| Storage Temperature | 0°C ~ +55°C | | | | | | | 10°C ~ +55°C | |
| Easyget Input Port | O | | | | | | | | |
| Display | 8" TFT 800*600 PIXEL | | | | | | | | |
| Power Supply | DC 12 | | | | | | | | |
| Dimension | 270 mm* 245 mm* 155 mm | | | | | | | | |
| Weight | 1.6kg | | | | | | | | |

** O : Available
 - : N/A

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