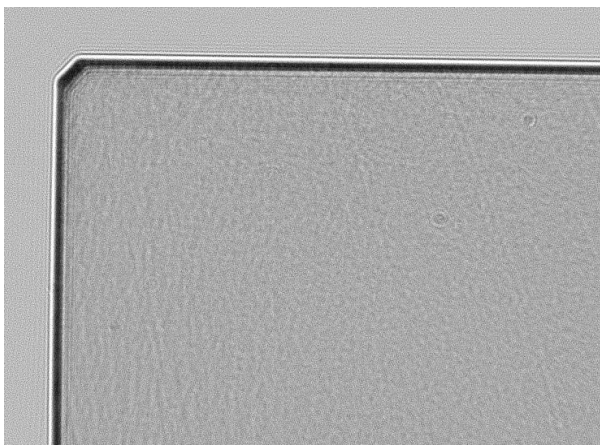


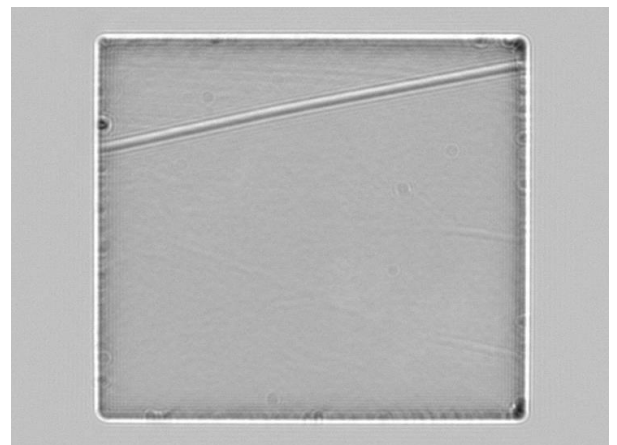
Striae inspection device

(Build-to-order manufacturing & Custom-made product)

(Evaluation Demonstration Machine)



Orange peel



Striae

FEATURE

- The special software "Clear Back" delete an obstacle pattern caused by optical element. It enables to detect defectives sensitively and obtain fine images.
- The stable observation is available for long time since the high-intensity blue LED is adopted as light source.
- Large view field sized about $\phi 45\text{mm}$ area
- GigE (Giga Ethernet) camera allows to display and save high quality images.
- It is available to use transversely by dismounting the main body from the stage.
- Quantity of light is adjustable to transmittance of the object.

APPLICATION

This product is suitable to inspect the optical nonuniformity such as striae and orange peel.

TEST OBJECT

- Crystal plate (for low path filter)
 - Glass plate
- * Not flat object requires to be soaked in immersion liquid which have the same index as object.

Main Body Specification (for evaluation demo machine)	
Inspection method	Shadow graph
View field	About $\phi 45\text{mm}$
Light source	Blue LED wavelength 450~465nm (changeable into other wavelength by request)
Dimmer	Volume
Power source	AC 100-240V 50/60Hz
Power consumption	less than 25W
Usage environment	Temperature: 10~35°C Humidity: 20~80% (Non condensing)
Dimension	W400 × D400 × H1210 mm
Weight	40kg
Area Sensor Camera Specification	
Output interface	IEEE802.3 (1000BASE-T)
Effective pixels	1360(H)×1040(V) (SXGA)
Pixel size	4.65×4.65 μm
Scanning	Progressive scan
PC & Monitor Specification	
Availability	Windows 7 / Windows 8
Resolution	24 inches wide type (1920×1200)
Software	Pre-installed special software "Clear Back"
Power source	AC 100-240V 50/60Hz

- * 1 The above table is the specification of the evaluation demonstration machine to the last.
- * 2 We will examine the specifications of special order equipment from the result of sample observation by evaluation demonstration machine.



There is a possibility that the specification and design will be changed without notice.