

Partial Light Blocking Cassette | ZPSC-T1

RoHS

Catalog Code

W2040



Specifications

Part Number	ZPSC-T1
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By blocking the co-axial illumination partially, surface is illuminated with grazing-incidence enhancing visibility of rough edges

Mounted state to the Lens tub



Theory of partial light blocking

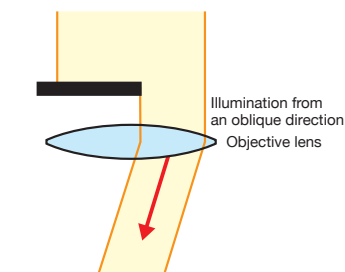


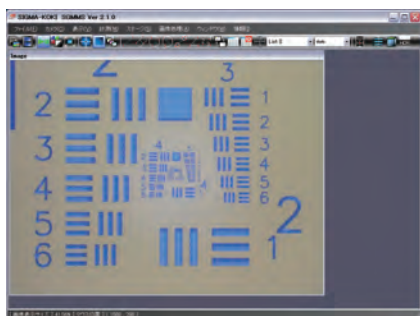
Image Measurement Software | SGMMSE

Catalog Code

W2010

This is an integrated software system that easily can be used by a PC mouse, and it enables to carry out image measurement and analysis, image storage, focus synthesis and so on to support the zoom microscope.

- This software is for image processing and measurement with 2.0 Mega pixels USB2.0 Color Camera (SK-TC202USB-AT). Windows® XP / 7 (32bit) is supported.



Specifications

Part Number	SGMMS
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[Measurement functions]

● Image and video capture

Image by BMP, JPG, GIF, and PNG format and Video by AVI format can be saved.

● Measurement function

It easily measures the size of an object by clicking the mouse on the screen. It can measure the distance between two points, the radius and diameter from the point of three or more points, angle, etc.

● Calibration function

11 types of calibration settings can be registered depending on the magnification of the zoom microscope.

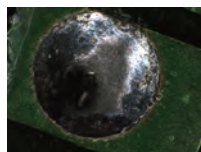
● Camera control

Camera's gain, shutter speed, white balance and reversal can be displayed.

● Line display (cross line, scale display)

HDR (High Dynamic Range Imaging) Function

When observed objects with different reflection, an image can be obtained by reducing the overexposure and underexposure. It can be taken completely the state of the sample.



Normal image



HDR image



Normal image

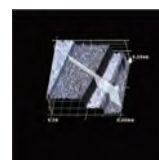
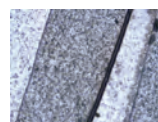


HDR image

Hyperfocus / 3D display function

By using the motorized Z-axis stage, it can take an "in-focus" picture over the entire screen. 3D images can be displayed from the image of the composed focus.

Example of Synthetic Image



3D display

