



**NAKAYAMA**  
Co.,Ltd.

Photography of the metal structure, Storage,  
Nodularity measuring equipment by the image analysis

# SG Analyzer

- Speculum image Storage of the metal structure
- Media output of Photography data  
(USB Flash memory、SD Flash memory)

**PC type**



**Tablet type**



**Built-in type**

\*The above is a constitution example.

## Analysis function (option)

Nodularity measurement  
(JIS standard, NIK method)

Measurement of ferrite  
ratio and pearlite ratio

Creation of the report  
(PC type)

Systematization  
(PC type)



**Windows**

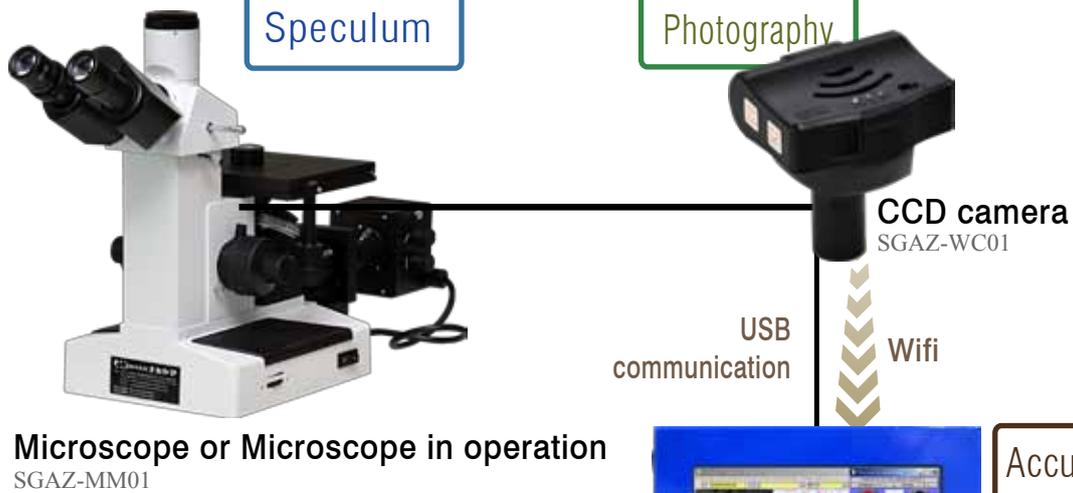


**Android**

\*The photo is under development

# 1. PC type - A

Laboratory



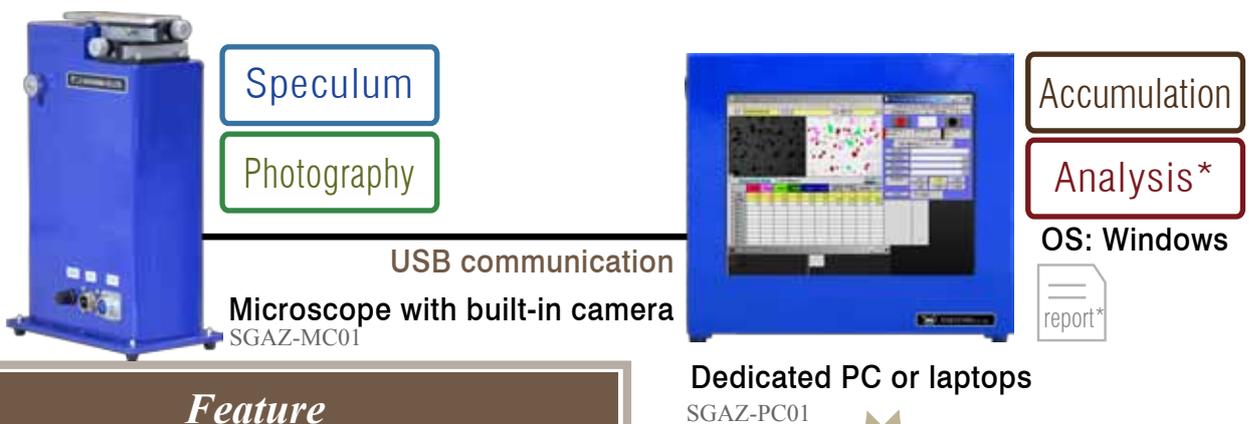
## Feature

- The program can be customized to the user's specification.  
e.g.) 1. Output of report  
2. Systematization in the company

※Analysis, Report, Enterprise network are optional

# 2. PC type - B

Site



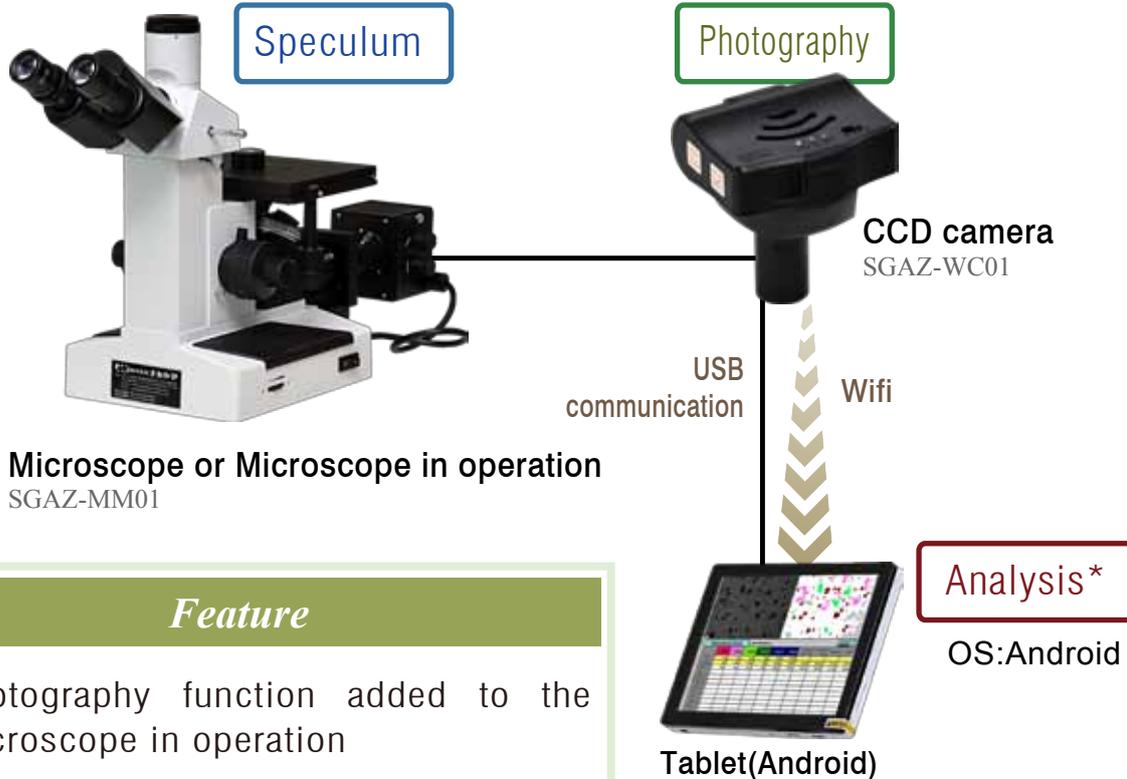
## Feature

- Installed on the site
- The program can be customized to the user's specification.  
e.g.) 1. Output of report  
2. Systematization in the company

\*Analysis, Report, Enterprise network are optional

### 3. Tablet type

Laboratory

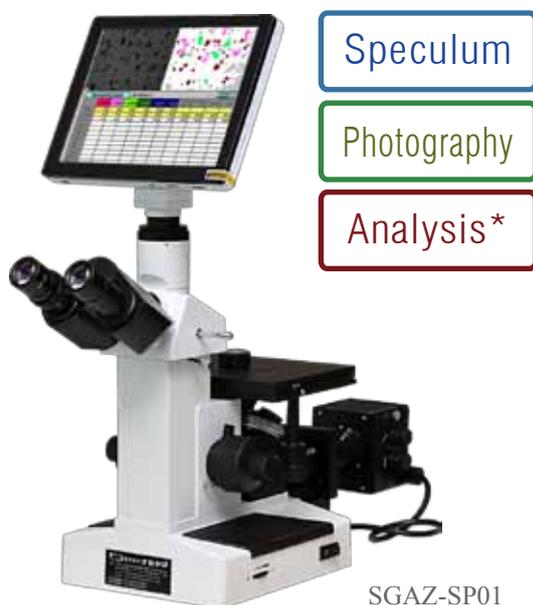


#### Feature

- Photography function added to the microscope in operation
- Nodularity measurement(optional)

### 4. Built-in type (Dedicated Tablet)

Laboratory



#### Feature

- Space-saving
- Photography and the preservation of the speculum organization are possible with a monitor
- The radio data transmission is possible
- Nodularity measurement(optional)

# Specification



## Dedicated PC

<b>Type</b>	SGAZ-PC01
<b>Dimensions</b>	W410×H360×D155 mm (Except for the Pedesta)
<b>Weight</b>	12kg
<b>monitor</b>	15 inche touch panel (supersonic type)
<b>OS</b>	Windows Embedded
<b>Storage memory</b>	8GB
<b>Interface</b>	USB2.0、RS232、VGA
<b>Power source</b>	AC100-240V



## Built-in type

<b>Type</b>	SGAZ-SP01
<b>Dimensions</b>	W220×H210×D62 mm
<b>Weight</b>	About 11kg
<b>monitor</b>	8 inche touch panel
<b>OS</b>	Android
<b>Interface</b>	HDMI、SDX
<b>Power source</b>	Exclusive AC adapter (battery nothing)



## Microscope (Laboratory)

<b>Type</b>	SGAZ-MM01
<b>Dimensions</b>	W220×H175×D62 mm
<b>weight</b>	10kg
<b>Objective lens</b>	×10、×20、×40、×100
<b>light source</b>	Halogen (dimmer)
<b>Power source</b>	AC100-240V



## Microscope (Site)

<b>Type</b>	SGAZ-MC01
<b>Dimensions</b>	W200×H305×D100 mm
<b>weight</b>	About 4kg
<b>Total magnification</b>	×100
<b>light source</b>	LED (dimmer)
<b>Power source</b>	AC100-240V



## CCD camera

<b>Type</b>	SGAZ-WC01
<b>Dimensions</b>	W90×H80×D65 mm
<b>weight</b>	230g
<b>Connection method</b>	Wireless: Wifi    Wired: USB
<b>Power source</b>	Charge type



Please refer for the specifications of the Android tablet.



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November, 2012 1st edition  
April, 2016 3rd edition