

Microscope Systems & Option

Catalog Code W2017

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These microscope systems can be utilized for research and development in manufacturing fields with superior cost performance.

They can be freely customized with multiple options.

- Equipped with transmitted illumination and epi-illumination, these microscope systems can adjust the brightness of both types of illumination respectively.
- When used with a C mount adapter (option), capturing of images from a C mount color camera is available.



Specifications

Part Number	Binocular		Trinocular	
	ZMM-45B1	ZMM-45B2	ZMM-45T1	ZMM-45T2
Illumination	Without	Transparent / epifluorescent	Without	Transparent / epifluorescent
Total Magnification	7× - 45× (Zoom Type)			
Working Distance [mm]	100			
Focusing Rack & Pinion Travel [mm]	47			
Weight [kg]	4.8	6.3	5	6.3

C Mount Adapter for Trinocular Scope | SKSZMCTV1/2



This product is for mounting a C mount color camera on a trinocular microscope system. You can capture the images while looking in the eyepieces.

Specifications

Part Number	SKSZMCTV1/2
Camera Mount	C mount
Focal Point Adjustment Range [mm]	4
Weight [kg]	0.08

Guide

- Various C mount color cameras are available.
Reference ► A026

Attention

- Not compatible with cameras other than C mount cameras. To use with a CS mount camera, an intermediate ring of 5 mm thickness is required.

C Mount Adapter for Eyepiece Port | EPCMA



This product is for mounting a C mount color camera on an eyepiece port of a microscope system. It can mount on either a binocular or trinocular type microscope system.

Specifications

Part Number	EPCMA
Camera Mount	C mount
Magnification	0.5×
Weight [kg]	0.1

Guide

- Various C mount color cameras are available.
Reference ► A026

Attention

- Not compatible with cameras other than C mount cameras. To use with a CS mount camera, an intermediate ring of 5 mm thickness is required.

LED Ring Illuminators | SKLIR-1

These illuminates direct light at an angle from oblique of all 360 degree onto the observation target. Suitable for observing the target without a shadow or emphasizing irregularity of the surface.



- These illuminators have long life because LED is used as the light source.
- Use the dial located on the side of the main body to adjust the brightness.

Specifications

Part Number	SKLIR-1
Cable Length [m]	1
Power supply	AC100V
Weight [kg]	0.32

Guide

- ▶ Can mount on either a binocular or trinocular type microscope system. To mount these illuminators on microscope systems, use illuminator adapter rings that come with the microscope systems.

Attention

- ▶ When a ring illuminator adapter is attached, the working distance is shortened by 10 mm. Please make sure that there will be no interference with peripheral equipment beforehand.

Assisted Objective Lenses | SKSZMAO



Please attach these lenses at the end of a microscope system to change the total magnification.

Guide

- ▶ Can mount on either a binocular or trinocular type microscope system.

Attention

- ▶ Working distance varies. Please make sure that there will be no interference with peripheral equipment beforehand.

Specifications

Part Number	SKSZMAO0.5	SKSZMAO1.5	SKSZMAO2
Magnification	0.5	1.0	2.0
Working Distance [mm]	165	45	30
Weight [kg]	0.08	0.08	0.08

8-inch TFT LCD Monitor | H8002



Output images from a CCD camera (analog output).

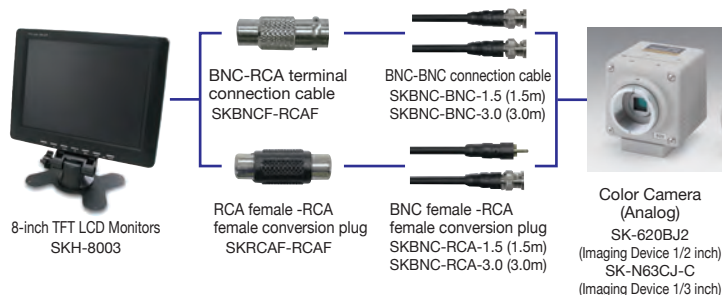
Specifications

Part Number	H8002
Monitor Size	8 inch
Pixels	800×600
VGA Cable	D-Sub15 pin
Image System	PAL/NTSC automatic switching
Power Supply	AC100V - 240V 60/50HZ

Guide

- ▶ Accessories: AC adapter × 1, AV cable × 1, VGA cable × 1, stand × 1, remote control × 1
- ▶ Various CCD cameras (analog output) are available. [Reference](#) A026
- ▶ Various connecting cables and conversion plugs are available. [Reference](#) A025

Cable / Conversion Plug



Specifications

Product Name	Part Number
BNC-BNC connection cable	SKBNC-BNC-1.5
	SKBNC-BNC-3.0
BNC-RCA terminal connection cable	SKBNC-RCA-1.5
	SKBNC-RCA-3.0
RCA female - RCA female conversion plug	SKRCAF-RCAF
BNC female - RCA female conversion plug	SKBNC-RCAF