

Experience unprecedented clearness and high resolution!

LED Zoom Stereoscopic Microscope High performance ensured by Greenough optical system

High Eyeport technology allows you to maintain wide field of vision even when wearing glasses.



Trinocular



POINT
Operating distance of 113 mm allows user to perform tasks with tools such as tweezers.

POINT
Field number of 23 ensures wide field of vision.

POINT
Microscope features LED epi-illumination and transmitted illumination.



Binocular



Stereoscopic Image Example



Order No.	Model No.	Total Magnification	Specification	JPY	Ref.No
3-6690-01	SZM223B	7.5~50x	Binocular	¥ 99,500	062870
3-6690-02	SZM223T		Trinocular	¥ 110,000	062870
3-6690-11	MEP0114	0.1mm/14mm	Graduated Eyepiece	¥ 19,800	062870
3-6690-12	SCM035X	0.35x	C Mount Adapter 1/3"	¥ 15,000	062880
3-6690-13	SCM045X	0.45x	C Mount Adapter 1/2"	¥ 15,000	062880
3-6690-14	SCM065X	0.65x	C Mount Adapter 2/3"	¥ 15,000	062880
3-6690-15	SCM1X	1x	C Mount Adapter No Lens	¥ 15,000	062880

Feature ● This is high-performance stereoscopic microscope based on Greenough optical system. Suitable to wide range of applications such as quality control, bioscience, and material researches. ● Integrates 6-positions click stop function, allowing user to reproduce identical zoom setting easily. ● Achieves zoom ratio of 1:6.7 and working distance of 113mm for superior operability. ● Provides wide visual field with field No. of 23mm, allowing user to observe vivid 3D image of object. ● Also allows simple measuring if graduated eyepiece MEP0114 (sold separately) is used.

Specification ● Optical System : Greenough System
● Eyepiece: 10x (WF10x) ● Zoom Ratio: 1:6.7 (with 6-positions click stop) (0.75x · 1x · 2x · 3x · 4x · 5x) ● Lens Tube Type : Inclination Angle 35° ● Actual Visual Field Dia. : φ23mm
● Interpupillary Range : 52~75mm ● Stage : 330 × 280mm ● Light : Episcopic Illumination · Transmitted Illumination 3W LED ● Light Power Source : AC100~240V 50/60Hz
● Working Distance : 113mm ● Body Dimensions : 330 × 280 × 400mm ● Weight : approx. 12kg

HIGH-SPEED COMMUNICATION DIGITAL CAMERA FOR MICROSCOPE(USB3.0) Stress-free fast transfer of high-resolution images via. USB3.0

Order No.	Model No.	Pixel Count	Imaging Element	JPY	Ref.No
3-6691-01	PCM300	3 million pixels	1/2"	¥ 68,000	062870
3-6691-02	PCM500	5 million pixels	1/2.5"	¥ 82,500	062870

Feature
● Transfers data quickly via. USB3.0, allowing stress-free operation even for high-resolution images.
● Digital camera for microscope excellent in color reproducibility.
● Provided with Japanese-ready software for better operability. (image processing, image measurement, image counting, image synthesis, data recording, report functions)
● Easy device installation by Plug and Play.

Specification

	PCM300	PCM500
Interface	USB3.0 (USB2.0 is also supported although performance is deteriorated.)	
Frame Rate ^{Note 1}	2048 × 1536 @ 12fps 1024 × 768 @ 30fps 512 × 384 @ 50fps	2592 × 1944 @ 14fps 1296 × 972 @ 30fps 648 × 486 @ 50fps
Pixel Size	3.2μm × 3.2μm	2.2μm × 2.2μm
Applicable OS	Windows® 7/8/10	
Mount	C Mount φ23.2mm · φ30.0mm	
Data Format	BMP, JPG, SFC, TIFF, AVI	
Imaging Area	6.55mm × 4.92mm	5.70mm × 4.28mm
Body Dimensions	81 × 129 × 48mm	
Weight	250 g	
Accessories	CS Ring Adapter, USB Cable (removable), Slide for Measuring Calibration, Software (Japanese)	

※Note 1 : Depending on operation environment

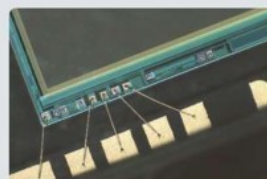


AS ONE ORIGINAL NEW

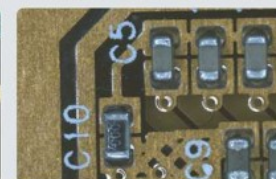
POINT
Device can be easily mounted to top of microscope.



Software Adjustment Screen



Shooting with PCM 300



Shooting with PCM 300

※Observation image of biological microscope on left page was taken with this camera.

1 Laboratory Equipment

2 Measuring Equipment

3 Laboratory Furniture

4 Life Science and Analysis

5 Bottles and Containers

6 Laboratory Related Tools and Fixtures

7 Cleaning and Sterilization

8 Safety Protection Supplies

9 Clean Environment Equipment

A Balances

B Thermometers and Hygrometers

C Data-Loggers and Recorders

D Water and Soil Analysis

E Air and Gas Analysis

F Natural Environment Analysis

G Electrical Measuring Equipment

H Physical Property Measuring Equipment

I Microscopes

J Fiber Scopes and Loupes

K Lasers / Optical Equipment

L Measuring Tools