

Zoom stereo microscope



Model : YR0254

Zoom stereo microscope

Manufacturer : Kalstein

Price : \$ 2,550.00

Description :

As you may know, there are different kind of microscopes. Their classification relates to their uses and to the type of laboratory. In this case, we are presenting you with the Zoom Stereo Microscope YR0253 model. The best choice for you and your laboratory. A stereo microscope provides lower magnification than compound microscopes. This instrument it is also known as a dissecting microscope. This type of microscope's magnification usually ranges from 5x to 80x and the images are in three dimensions rather than a flat image.

This type of microscope is a variant of the common optical microscope, which is designed for low magnification observation of a sample. In these cases, the operator uses the light reflected from an object's surface rather than transmitted through it. This device uses two separate optical paths producing a three-dimensional vision of the examined sample. Among this device's uses, you find the study of solid specimens, close work such as dissection, microsurgery and forensic engineering. Another interesting fact about stereo microscopes is that they are essential tools in the entomology field.

In most of the times, a stereo microscope uses reflected illumination rather than transmitted illumination. This means that it uses the light reflected from the surface of an object rather than light transmitted through an object. The use of reflected light from the object allows examination of specimens that would be too thick or otherwise opaque for compound microscopy.

This zoom stereo microscope has high quality optical components, providing a sharp and striking contrast image and ensuring a flat image at big depth of field. Its ergonomic design eases the tiredness, making it more comfortable for the lap operator, especially when you spend many hours studying and dissecting a sample. This model has a LED light for both incident and transmitted illumination, which provides an even illumination and its life expectance can reach up to 6000 hours. About its uses, this device is the ideal instrument for industry assembling, inspection and the teaching field, with a complete set of eyepieces, objectives and accessories.

Among some of this zoom stereo microscope's specifications, you can find that it has a working distance of 115 mm. Its drawing tube has a binocular Viewing Head, Inclined at 45° and a trinocular inclined at 45°. Moreover, its zoom objective is 0.8x-5x and its zoom ratio is 6.3:1. Finally, it has an incident illumination 100V-240V/ LED and a transmitted illumination 100V-240V/ LED.

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- With LED light for both incident and transmitted illumination, Providing even illumination and life expectancy can reach 6000 hours.
- With Complete eyepieces, objectives and accessories, it is an ideal instrument for industry assembling, inspection and teaching field.

Parameters by Models

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Zoom Stereo Microscope YR0254

		YR0254
Viewing Head:	Binocular Viewing Head, Inclined at 45°	•
	Trinocular Viewing Head, Inclined at 45°	○
Eyepiece	Extra wide field eyepiece EW10×/22	•
	WF15×	○
	WF20×	○
Zoom Objective	0.8×-5×	•
Zoom Ratio	6.3 : 1	•
Working Distance	115mm	•
Interpupillary Distance	57-75mm	•
Auxiliary objective	0.5×	○
	2×	○
Glass Insert	Glass Insert, Diameter 100mm	•
Illumination	Incident Illumination 100V-240V/ LED	•
	Transmitted Illumination 100V-240V/ LED	•
Photo Attachment		○
Video Attachment		○

Note: • Standard Outfit, ○ Optional