

DISCOVERY MICROSCOPES COMPARISON CHART



Application	entertainment and first-time introduction to the microworld		amateur level	school/college		university/laboratory research
Magnification	100–300x and 100–900x	40–640x	40–400x	40–400x		40–1000x
Optics	polymer optical glass		optical glass	optical glass		optical glass
Body material	plastic		plastic	metal		metal
Eyepiece	one eyepiece	one two-position eyepiece a quick change of magnification by rotation	one eyepiece	one eyepiece		one eyepiece with a pointer
Objective lenses	three objective lenses		three achromatic objective lenses	three achromatic objective lenses	three advanced achromatic objective lenses	four advanced achromatic objective lenses
Illumination power supply	batteries		batteries	batteries or AC		batteries or AC
Extra	more than 20 optional accessories	an interesting design	a model with a 0.3Mpix camera is available	a model with a 1.3Mpix camera is available	a model with a 3Mpix camera is available	a model with a 5Mpix camera is available
	mirror illumination that requires no power supply	five colorful designs		a head rotates at 360° comfortable to use for two people		a head rotates at 360° comfortable to use for two people
				coarse and fine focusing for maximum clarity		coarse and fine focusing for maximum clarity
						advanced illumination settings for the best research conditions
						a large professional stage for better specimen handling
						immersion oil for additional research



Each microscope comes with the colorful "Invisible World" knowledge book

"The Invisible World" is an informative manual, written in a simple language and colorfully illustrated; it is perfect for obtaining the first knowledge about the microworld. The book begins with an overview of the history of microscopy; describes the structural parts of the microscope and microorganisms that can be seen under it.

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