

AMPLE SCIENTIFIC NEXCOPE BINOCULAR EDUCATION MICROSCOPE, DIGITAL, CM401D



Microscope Specifications :

- ✚ Head : Seidentopf binocular head with built in 1.3mp digital CMOS camera
- ✚ Eyepiece : W10XD
- ✚ Objectives : 4XD, 10XD, 40XRD, (sealed) semi-plan, 100XRD Achromatic
- ✚ Conserder : Abbe 1.25 NA (sealed) Rack&Pinion
- ✚ Illuminator : 3W LED w/dimmer switch

Digital Specifications :

Image Sensor	1/3.2" CMOS
Valid Pixed	1280 x 1024 (1.3MP)
Pixed Size	2.8 um x 2.8 um
Digital Output	24 bit (color)
Frame Rate	7.5 fps (1280 x 1027) 30 fps (800 x 600) 30 fps (600 x 480)
Sensitivity	1.8V at 500um/lux/s
Exposure	Manual/Auto : Exposure time adjustable (1-500ms)
SNR	42.3 dB
Dynamic Range	71 dB
Image Output	USB2.0
Working Temperature	-30-70 degree C
System	Windows 2000/XP/Vista/7