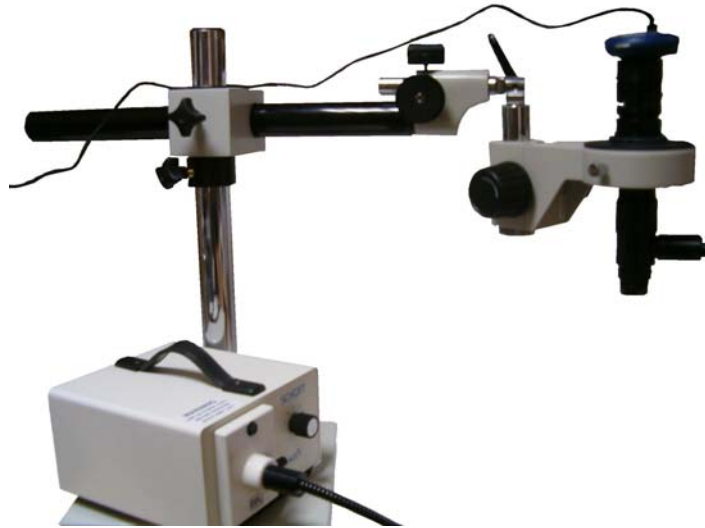


Technical specifications:
Nanotec Scanning Probe Microscope
Optical Microscope



Optical Microscope

The optical microscope system offered by Nanotec Electronica gives you the possibility of easily monitorize the position of the cantilever over the sample, making easier the scanning of particular features accesible to the optical microscopy. The combination of lens with CCD technology provides an impressive magnification, allowing the user to observe the cantilever movement over the sample in real time in the computer screen simultaneously with the image acquired.

Adjustable focus allows focusing on the cantilever or in the sample when the cantilever is far away from the sample

Freedom of movement of the microscope allows to easily remove the optical microscope when it is not needed and to get it back to its original position when required

Total amplification: **138.6 to 891**

Optical amplification: **2.1 to 13.5** with manually adjustable zoom.

CCD size: **4mm x 3mm** (0.16 x 0.12 inches)

Extra Amplification (to 17" screen, 1024x768 pixels): **66**

CCD resolution: **640x480** pixels