

Nikon[®] **E200POL**

- Brilliant optical quality with the CFI60 optical system
- Ideal for educational institutions
- Economical



Advanced Educational Microscope

A polarizing light microscope that's light on your budget



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SPECIFICATIONS

Visionary Optics

- CFI60 infinity optical system provides longer working distances and higher numerical apertures for startlingly clear images.
- Includes a variety of available compensators: quarter wave and first order red tint plate; senarmont compensator; Quartz wedge compensator (6 orders).
- Analyzer features an easy-to-read graduated rotating scale, with a vernier that reads to 0.1° for quantitative measurements with compensators.

Inventive Design for Functional Performance

- The E200 POL's solid, one-piece casting—from arm to base—along with its substantial 188.5mm width offers greater rigidity and resistance to vibration.
- The reversed-type, four-position nosepiece allows users more space at the front of the stage to easily and quickly handle slides.
- The large 180mm diameter circular-rotating stage utilizes ball-bearing motion that is graduated in 1° increments and includes a vernier reading to 6'.
- Unique refocusing stage with upper-limit stop and push-down action allows users to quickly change specimens and to simplify their operation when using oil immersion objectives.
- The Siedentopf-type binocular and trinocular eyepiece tubes are inclined 30°, allowing operators to maintain a natural and comfortable posture.

Other Important Features

- Easy-to-change bulb eliminates the need to turn the microscope upside down. Simply remove the slide-off top cover and replace lamp.
- Includes a brilliant 6V-20W halogen light source.
- UL, CE and EU listed to meet all safety certifications.

Optical system	CFI60 infinity optical system
Magnification	40 – 1500X for observation 8 – 500X for 35mm photomicrography
Eyepiece lens	10X (F.O.V.: 22mm): CM type with 90 crosshair and micrometer scale (E200 eyepiece lenses for simple polarizing observation)
Eyepiece tube	Binocular P-TB dedicated for polarizing microscopy Trinocular P-TT dedicated for polarizing microscopy (E200 eyepiece tubes for simple polarizing observation)
Intermediate tube	Built-in focusable Bertrand lens removable from optical path: Built-in analyzer removable from optical path: Conoscopic/Orhosopic observations switchable: Built-in analyzer: With plate/compensator slot
Analyzer	360° rotary dial: Minimum reading angle 0.1
Nosepiece	Quadruple nosepiece fixed to main body
Coarse/ fine focusing	Fine: 0.2mm per rotation, Coarse: 37.7mm per rotation Minimum reading: 2 microns on left-side fine control knob: Coarse motion torque adjustable; Refocusing system incorporated in stage; Stage handle and focusing knob equidistant from operator
Illumination	6V - 20W halogen lamp precentered and prefocused: Continuously variable intensity control
Objective lens	CFI P Achromat 4, 10, 20, 40, 100 oil For epi-scope illuminator:
Episcopic illuminator	Dedicated
Condenser	Dedicated strain free swing-out type
Polarizer	Fixed-type on bottom of condenser
Compensator	Standard 1/4 wave and tint plate: Quartz wedge or Senarmont compensator can be inserted into intermediate tube slot

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. January 2001.



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