

SPECIFICATION

- compact, portable microscope
- magnification from 40× to 1500×
- possibility to observe objects using direct and/or reflected light, phase contrast
- observation using dark/light field and polarized light methods
- camera recorded black-and-white images at the resolution of 1620×1220
- set of optical filters for image quality improvement



Nikon Eclipse E200 optical microscope

Nikon Eclipse E200 is a robust, high quality optical microscope suitable for analysis of particles and observation of sample micro-structure. Available accessories widen the microscope applicability. Atik 320E camera provides black-and-white image recording capability. Universal Epi-Illuminator LV-UEPI provides it with phase contrast and the ability to observe objects using dark field, bright field and polarized light methods.



- Deposition of a fibrous aerosol on a filter

TYPICAL APPLICATIONS

- particle analysis
 - analysis of particles present on a sample
 - evaluation of the number of particles along with their size spectrum – suitable for fibrous material in particular
 - evaluation of particle size and shape – fibrous or otherwise irregularly shaped
- observation of sample micro-structure