

## OptMic-200: Optical microscope for the inspection of large samples

**OptiMic-200** is a top-class trinocular microscope operating in reflectance mode. It is equipped with large manual stage with large travel range to support the inspection of any wafer size up to 8inch diameter.



### Applications

- Standard inspection of samples
- Measurement of thickness at a very small area

### Features

- Spectral range: 400-1700nm
- Magnification 50X-500X
- 12V50W halogen lamp with brightness control
- Integrated field diaphragm, aperture diaphragm and puller type polarizer.
- Stage travel range: 204X204mm

**OptiMic-200** is a top-class trinocular microscope that operate in reflectance mode and serves the characterization of coatings on wafers with diameter up to 8inch. It is ready for mounting of the FR-uProbe or FR-MicAdapter modules for the local characterization of coatings in terms of film thickness, reflectance, transmittance, refractive index.

OptiMic is equipped with:

- Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: 0.8 $\mu$ m
- Trinocular inclined 30°
- Integrated field diaphragm, aperture diaphragm and (Y,B,G, ground glass) switching device.
- Push-pull type analyzer and polarizer.
- Achromatic lenses: 5X/NA0.12/WD26.1mm, 10X/NA0.25/WD20.2 mm, 20X/NA/WD8.8mm, 50X/NA0.70/WD3.7mm