

## OptiMic-ES: Standard Optical microscope for R&D needs

**OptiMic-ES** is a standard trinocular microscope operating in reflectance mode. It is used for standard inspection of samples and can be coupled with FR-uProbe for reflectance and thickness measurements with a very small spot-size.

### Applications

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

### Features

- Spectral range: 400-1700nm
- Magnification 50X-400X
- 12V50W halogen lamp with brightness control
- Transmittance mode (optional)
- Integrated field diaphragm, aperture diaphragm and puller type polarizer.
- Stage travel range: 63mmX50mm



**OptiMic-ES** is a standard trinocular microscope that can operate both in reflectance and transmittance modes and serves the characterization of coatings on both reflective and transparent substrates. It is ready for mounting of FR-uProbe or FR-MicAdapter modules for the local characterization of coatings in terms of film thickness, reflectance, transmittance, refractive index.

OptiMic-ES is equipped with all standard features of optical microscopes such as:

- Trinocular inclined 30°
- Integrated field diaphragm, aperture diaphragm and puller type polarizer.
- Achromatic lenses: 5X/NA0.12/WD/26.1mm, 10X/NA0.25/WD20.2 mm, 40X/NA0.60/WD3.98 mm
- Ground-glass and yellow, green and blue filters