

# In-situ iSE

Spectral range		
Model	Spectral range	Number of wavelengths
iSE	400 nm to 1000 nm	190
Dual-Rotating™ optical design with CCD detection		

## In-situ package consists of:

- General ellipsometer, including:
  - Input unit with rotating optical element
  - Receiver unit with rotating optical element
  - Control box with lamp housing
- Computer and monitor
- Complete EASE data acquisition and analysis software
- 1 set (2 pieces) flat fused silica UHV windows, 2.75" (DN40CF) flange
- 1 set of in-situ mounts and stands to attach the in-situ tilt stages
- 1 set of in-situ tilt stages
- 1 piece of alignment jig
- Single angle calibration base
- 1 set of cables and optical fiber(s), length 3 m (standard); longer cables/fibers on request

In-situ iSE mounted to a small chamber



Flat fused silica UHV window with in-situ mount attached to the chamber port	
In-situ mounts with stands and in-situ tilt stages left for input unit, (weight ~0.33 kg) right for receiver unit (weight ~1.1 kg)	
Alignment jig	
Input (light source) unit (weight ~1.3 kg)	
Receiver unit (weight ~1.3 kg)	
Control box	
Single angle calibration base	