ULVAC Ellipsometer Demonstration

Date: 21 November 2019 (Thursday)

Time: 1:30 PM - 4:00 PM

Room: BNC 1201

Birck Nanotechnology Center

New Progress on the Channeled Spectroscopic Ellipsometry and its Applications Presented by: Gai Chin



Features

Snapshot method measurement of spectroscopic ellipsometry using high-order retarders makes high-speed measurement which is impossible by conventional methods. Sampling time per point is 10ms only.

The sizes of emitter and receiver of sensor unit are very small. No consumable parts for sensors as there is not any mechanical and electric parts.

Users can easily measurement and analysis. Also, editing or adding a material table file can also be done easily by the user.

It is possible to measure multilayer film thickness up to 6 layers.

Wavelength range can be selected from the standard type (530nm-750nm) and full visible spectrum type (380nm-760nm).

- ➤ ULVAC's innovative compact high-speed spectroscopic ellipsometer UNECS series products have the best cost-performance in the world.
- The excellent measurement reliability with an extremely high throughput will ensure our customers the best productivity for their semiconductor, FPD, PV devices manufacturing lines and R&D purposes.

High-speed

Compact

User

Friendly

Multi-layer