

The ORS EpiEYE Blue

The fastest in-situ sensor for your process.

Three in one

With the addition of a blue 405nm laser you can combine three process measurements in one head.

Multi Sensor Configuration

Flexible control software allows for multi sensor control on each process chamber. This enables easy alignment with reflectance, temperature and wafer bow measurements from the same wafer.

Measurement wavelengths

Three reflectance wavelengths. For emissivity corrected pyrometry (IR), for continuous growth analysis (Red) and for surface roughness (Blue) measurement.

Fast data acquisition

Whether your stage rotates at 5 or 1500rpm, every wafer is monitored on each rotation of your main stage. The EpiEYE Blue offers the fastest data acquisition rate of any commercially available *in-situ* sensor.

Common interface

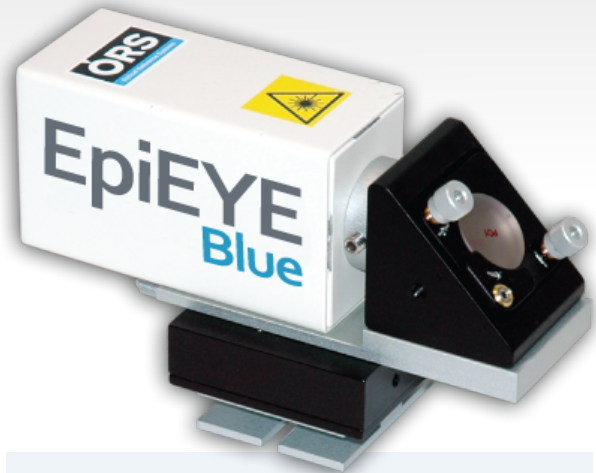
Ideally suited to any MOVPE reactor providing a common interface irrespective of reactor type or make. Compatible with Planetary™, Showerhead and Turbodisc™ reactors.

Quality

ORS is ISO 9001 accredited and the ARC sensor is fully CE marked.

Installation

Mounting solutions are available for all configurations. The small footprint means the minimum of space is needed on your reactor.



EpiEYE Blue – Features and benefits

- Better control over GaN growth
- More accurate low growth rate measurements
- Higher surface roughness sensitivity
- High speed acquisition means compatible with susceptor speeds of 5 – 1500 rpm
- A common interface for multi-reactor type compatibility
- Insensitive to height adjustment
- Quick and easy to install
- Also suitable for Arsenides and Phosphides

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take control

