



## Experten. Forum. Optik.

# Precitec Optronik GmbH

### Short description:

Precitec Optronik GmbH as a member of Precitec Group has gained an international reputation for being an expert for optical measuring technology. The product spectrum ranges from systems for range finding and thickness gauges for multi-layered samples to medical equipment.

The non-contact measuring systems of Precitec Optronik provide accurate and highly dynamic topography measurements with an accuracy of 30 nm and a resolution better 1 nm.

A projecting feature of the sensors is their independence of surface properties. The object being measured can reflect either dispersively or specularly, absorb or even be transparent. The colour of the surface is irrelevant.

### R&D:

- ✓ Technological cooperation with universities and partners from industry
- ✓ EU/BMBF – supported collaborative research projects

### Core competences:

- Optoelectronics
- Chromatic optical sensors for non-contact distance and thickness measurement
- White-light and infrared interferometry for thickness measurement of transparent material

### Products:

- ✓ Optical sensors for determination of silicon and GaAs thickness, solar cells, solar wafer
- ✓ optical sensors "CHRcodile" for distance, topography and thickness measurements
- ✓ Standing and portable measuring systems for determination of surfaces and layer thicknesses

### Contact:

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