



CHRcodile S – Optical Sensor

Non-contact distance & thickness measurement



CHRcodile

If time matters...

Sensor Properties

Further Information:
www.CHRocodile.com

- Works inline or offline
- Measuring rate: 2 kHz
- Accuracy: down to 30 nm *
- z-resolution: down to 3 nm *
- Lateral resolution: down to 2 μm *
- Durable LED light source
- Robust probes
- Automatic light control
- Chromatic-confocal distance & thickness measurement
- Interferometric thickness measurement
- Top hat rail fastener

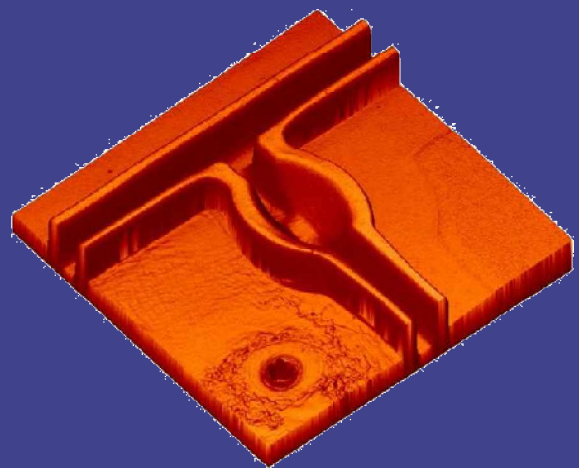
*depends on used probe & measuring mode

The sensor *CHRocodile S*, with its modern design, represents the latest generation of optical distance and thickness measuring devices. It is applicable for highly accurate distance and topography measurements as well for measuring optically transparent materials (glass, films, varnish etc.). Its low price now enables customers of all budgets to benefit from the numerous advantages of the *CHRocodile* sensors.

The sensor can be used like a table top unit but it is also easy to integrate into production facilities and machines. All measuring data are available for further processing on its multitudinous interfaces (USB, RS232/422, analog). The synchronization can be done by using trigger and encoder signals. Duo to its screw-on top hat rail fastener the *CHRocodile S* is easily mounted in control cabinets (see picture below).



Example: 3D topography



Contact:

Precitec Optronik GmbH • Raiffeisenstr. 5 • 63110 Rodgau (Germany)
Phone: +49 (0) 6106 / 8290-0 • Fax.: +49 (0) 6106 / 8290-26
Email: Info@Precitec-Optronik.de • Internet: www.CHRocodile.com