

# Point Clouds at the Speed of Light

## ZEISS LineScan



[www.zeiss.com/linescan](http://www.zeiss.com/linescan)

### Features / USPs

#### Extremely fast capture of the complete surface structure

Starting with a sampling rate of 250,000 points per second, ZEISS LineScan is made for high-speed digitizing. A high line repetition rate and a large measuring range – with the option of further rotation on the RDS in 2.5° increments enable complete surface capture.

#### Wide sensor portfolio

In the full line, ZEISS LineScan consists of 4 different sensors with different levels of precision, measuring ranges and point quantities. With a sensor for every need, users across a variety of applications reap the benefits of the sensor.

#### Powerful integration in ZEISS CALYPSO

ZEISS LineScan is directly integrated with ZEISS CALYPSO software, reducing the user's interface down from two different software to a single program. Furthermore, the sensor has access to ZEISS CALYPSO's powerful functions.

#### The most accurate line scanner

On top of its speed, ZEISS LineScan 2-8 is the most accurate line scanner in the world according to accuracy specifications to P<sub>Form</sub>.Sph.95%:Tr:Opt.

### Primary Benefits

#### Greater productivity and peace of mind

The sensor ensures the swift, complete capture of the surface structure and a high point density, making it possible to reduce the measuring time by up to 70%. This increases productivity considerably.

#### Flexibility

The bespoke sensors for particular applications assist the operator by simplifying the measurement strategy. Invest only in the sensor that best fits the application.

#### Exceptional user-friendliness

No change in how users work: the assessments are displayed together with the standard geometry evaluations in the report. Users gain a wider range of measurement possibilities with ZEISS CALYPSO.

#### Trust in measurement data

Users trust their measurement results due to accurate, high resolution images. This lessens iterations leading to lower part costs and higher machine productivity by reduced measuring time.



Seeing beyond