

Zumbach Electronics introduces CSS Technology (Calibrated Single Scan)

The new CSS technology invokes a number of detail innovations and improvements. The most important one: Each mirror is individually identified and its error characteristics is stored in a chip. This means that each mirror is individually calibrated.

This means that now up to 1200 measurements/s, i.e. all measurements, are available for further processing.

A high speed processor in the measuring head allows to filter and to analyse the measuring values depending the process (speed, product surface, dirt, water etc.) and to configure the further processing for min., max., average, ovality, fault detection etc.

Over 300 so processed data packages/s can then be exported over a data port.

With the new CSS technology much higher measuring and data rates and, at the same time, the unique robustness and precision of laser scanning, are combined. CSS is already available in a number of ODAC[®] laser heads.



Picture shows ODAC[®] measuring heads equipped with the CSS technology. These heads are available as 1, 2 and 3 axis models.

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