

Press Release/Product Information

Erlangen, October 29th 2004

Even Faster, Even Better

The new FaceSCAN^{3D}-Sensor represents a further development in CAM^{3D}.

With FaceSCAN^{3D} human faces can be measured three dimensionally in under a half second – a full 180° view from ear to ear. This is achieved through a specific arrangement of mirrors, which also allows for the measurement of the lateral facial features.

The measurement uncertainty of the sensor, functioning according to the principle of the phase-measurement triangulation (strip projection) amounts to 0.2mm within a measurement field of approximately 300mm. Thus, this sensor is not only faster than its predecessor, but also more comprehensive in the data delivery over a full face, or, half head view. Precision and speed are indispensable requirements in everyday surgical uses, for instance in pre-, inter- and post-operative measurement.

For more information, please visit our webpage. www.3D-Shape.com.

3D-Shape GmbH is an offshoot of the Institute for Optics, Information and Photonics of the Friedrich Alexander University Erlangen-Nuremberg and develops and markets optical sensors for the three-dimensional measurement of a wide variety of objects and surfaces.

Yours sincerely

Your 3D-Shape-Team

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