



Based on the fringe projection technique a compact sensor with integrated camera and projector has been developed. By means of the system 3D point clouds from objects and sceneries are captured.

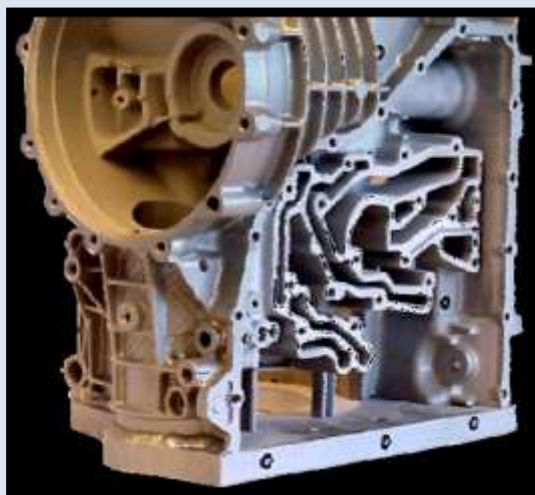


Shape capturing, verification of CAD models, quality control, re-engineering, prototyping, modelling and scene evaluations e.g. dummy positioning.

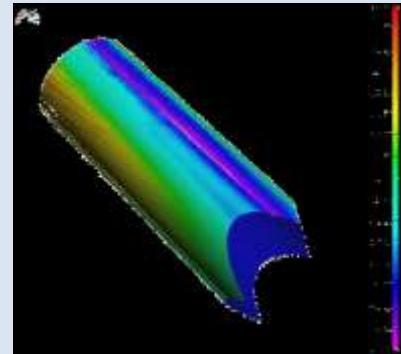
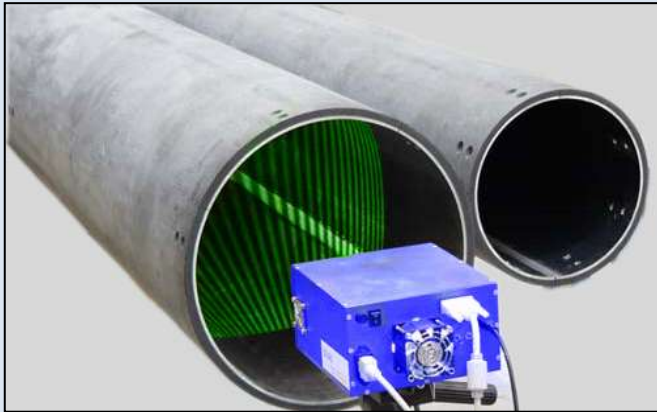
Features

- Laptop or Desktop System
- High resolution camera
- Small, handy and portable system
- Precision: 10^{-4} of measurement field
- Measurement area: 10 cm^2 Very flexible measurement
- Fast setup and ease of use
- Includes Software Geomagic 8.0 Small D
- Easy storage and export of data formats (stl., wrp., vrm, etc.)
- **Measurement range: 10 cm to 10 m without additional adjustment**
- compact turnkey system

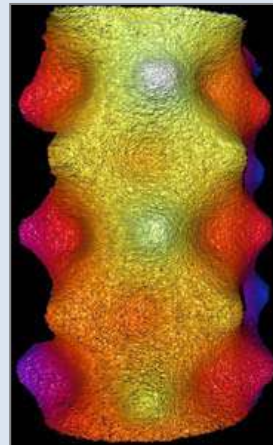
Examples



| Digitized automotive interior (gear box). Easy digitizing with few images.



| Shape digitalization of tube interior. Composing of tube by easy stitching of components with software.



| Digitized heated medical sample. Measurement through and strong curved structure easy feasible.

| Digitizing for use in art or archeology

Technical Specifications

Measurement field sizes:	100mm ² to 25m ²
Accuracy:	1/10.000 of the image's diagonal (10µm at 100mm area)
Cameras:	0,3 MPixel to 4 MPixel
Measurement time:	20 Seconds

Contact

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