

Contour welding

GLOBO welding

Simultaneous welding

Radial welding

Mask welding

Quasi-simultaneous welding

Leister – sequentially welded.

- ▶ Precise laser beam
- ▶ Highly flexible
- ▶ Any 2D-welding lines



Leister – local pressure.

- ▶ 2D- or 3D-welding
- ▶ Welding without clamping device
- ▶ Continuous welding



Leister – welded at once.

- ▶ Short process time
- ▶ Collapsing possible
- ▶ Collapsible mass production



Leister – no rotation.

- ▶ No clamping device necessary
- ▶ High throughput
- ▶ Rotation free



Leister – smallest geometries.

- ▶ Line shaped laser beam
- ▶ Any geometries
- ▶ Small and plane structures



Leister – easy scanning.

- ▶ Exact laser beam
- ▶ Beam guiding by two mirrors
- ▶ Collapsing possible



- Also available:
- Pyrometer
 - Different focus diameters

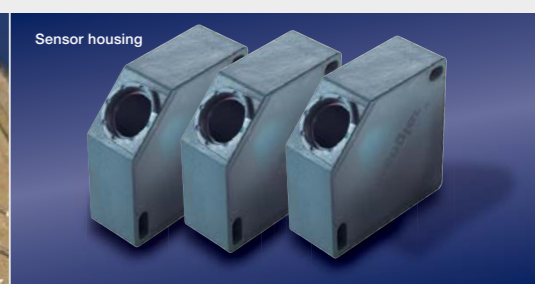
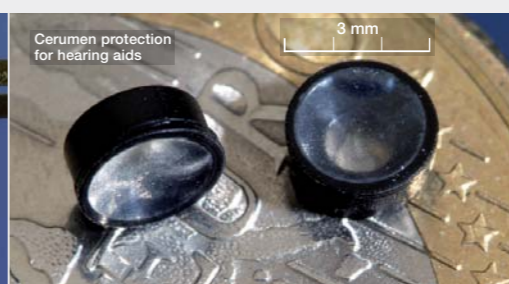
- Also available:
- Roller optic with different line length
 - Pyrometer

- Also available:
- Different ring sizes
 - Point-symmetric contours

- Also available:
- Optic for part-diameter up to 28 mm
 - Optic for part-diameter up to 68 mm

- Also available:
- Structured masks
 - Positioning systems

- Also available:
- Different working areas
 - Different spot diameters



Address



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NOVOLAS WS-AT

Leister – turn-key system.

- ▶ Modular, configurable design
- ▶ User-friendly interface
- ▶ Online process control



Also available:

- Rotatory table
- Customized adaptations



NOVOLAS Basic AT

Leister – integrable.

- ▶ Flexible
- ▶ Several laser combinations available
- ▶ Modular setup



Also available:

- All Leister optics
- Customized adaptations



NOVOLAS AT Compact

Leister – air-cooled laser.

- ▶ Flexible and inexpensive
- ▶ Small and compact
- ▶ Low maintenance



Also available:

- All Leister optics
- Scanner optic and software



Customer Service

Leister – always there for you.

- ▶ Material and design consulting
- ▶ Welding tests
- ▶ Process support
- ▶ Concept development



Also available:

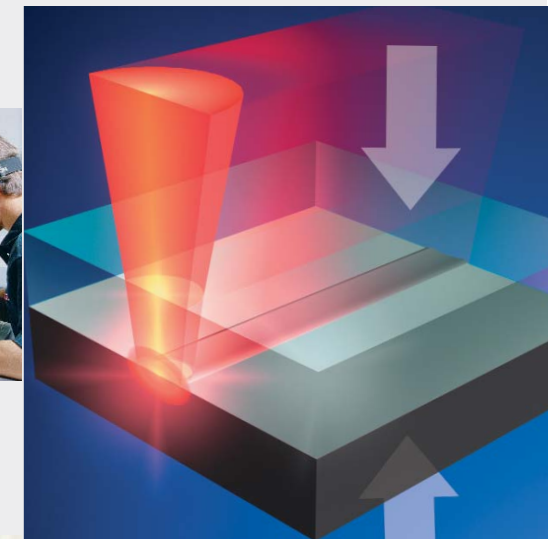
- Small series production
- Remote control diagnosis



LEISTER
LASERSYSTEMS

Swiss Made
Quality

Leister – Laser Welding of Plastics.



Medical engineering
Automotive
Electrotechnology
and many more...