Description:
The IMA-Sealscanner® is a measuring device developed at IMA to automatically measure and evaluate the wear width and inner diameter of a spring-preloaded elastomeric lateral shaft seals without hydrodynamic return structures.

Technical Data:
- Max. seal nominal Ø: 200 mm
- Min. seal nominal Ø: 25 mm
- Measuring principle: Laser line triangulation
- Measuring resolution in axial direction: 5 µm
- Measuring points per profil: 3200

Available Test Methods:
- Geometric measurement of the sealing edge geometry
- Automatic evaluation of the wear width
- Measurement of the inner diameter of the seal and determination of the overlap

Wear width curve of a sealing ring