

LSS - Laser ShapeScanner Ø 150 mm - 700 mm

When inspecting manholes and pipeline systems the LASER SHAPESCANNER LSS serves as accessory for pipeline inspection systems allowing the exact determination of the diameter and the detection of deformations. This ring is recorded by the camera. In a circular pipe the device projects a ring of laser light onto the internal pipe wall allowing a cross section profile and a deformation measurement to be established by means of a suitable software (e.g. the WINCAN Ring-Laser Scanner Software-Module).

TECHNICAL DATA - LASER SHAPESCANNER LSS

Nominal pipe widths	DN 150 to DN 700 (depending on pipe material)
Rod lengths	250 mm, 350 mm, 500 mm (can be combined with each other)
Available adapter shells	RCX90, SVC100, RC90
Laser class (according to DIN EN 60825-1)	1
Power supply	1 pce. standard battery type AA 1.5 Volt or corresponding rechargeable battery
Material	Aluminum, carbon
Protection class	IP64
Ambient temperature range	0 °C - 40 °C
Storage temperature range	0 °C - 40 °C
Dimensions (L x W x H)	466 - 1316 x 101x 92 mm
Weight (at max. rod length without battery)	about 0,46 kg



- Scope of application ranging from DN 150 to DN 700 (depending on pipe material) by combining rods of different lengths
- Laser can be focused
- Camera adapter with joint to easily lower the inspection system with the mounted LASER SHAPESCANNER LSS into the manhole
- The magnetic joint lock enables a 360° rotation of the camera with mounted LASER SHAPESCANNER LSS
- Shock protector at the laser unit
- Calibration device for evaluation software
- Simple, fast installation
- Measurement accuracy WRc approved
- Compatible to the RCX90 camera head of the ROVION® pipeline inspection system
- Compatible to the RC90 camera head of the ROVVER® pipeline inspection system
- Compatible to the SVC100 camera head of the SUPERVISION® pipeline inspection system





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