

# ScanCam 150



## Application for

- Optical pipe inspection
- Deformation measuring
- Caliber measuring

## Range

- From 150 mm – 800 mm (6" – 40") pipe dia

\*\*\* Explosion proof version optional \*\*\*

## Tractor add-ons

- Inclination detection
- Temperature gauge

**System requirements** RCA-proline/RCA 1000/Eco-Star  
- May be retrofitted to all digital Rausch systems –

## Technical Specs:

Rotation:	Infinite, no mechanical stop Variable speed from 0 – 200 rpm Camera rotation position displayed in main monitor
Swivelling:	340°
Illumination:	(2) Lighting units with 42 white LED's each (2) Auxilary Halogen lights at the tractor with 40 Watt each
Measuring device:	(2) Laser diodes (Class II) Triangulation method for distance measuring, accuracy $\leq 1\%$ (of nominal dia)
Camera:	Digital camera system with 10-fold zoom, auto and manual focus, autodiaphragm for up to F=1.4, shutter controlling for high speed recording, light sensitivity = 2 Lux
System protection:	Internal pressure sensor for permanent leakage detection

## Additional Features

- Automated joint inspection with always upright picture
- 3 – D display of the measured runs
- Connection of digital picture data with the 3 – D grid model
- Measuring of intruding objects in preparation for rehabilitation measures



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