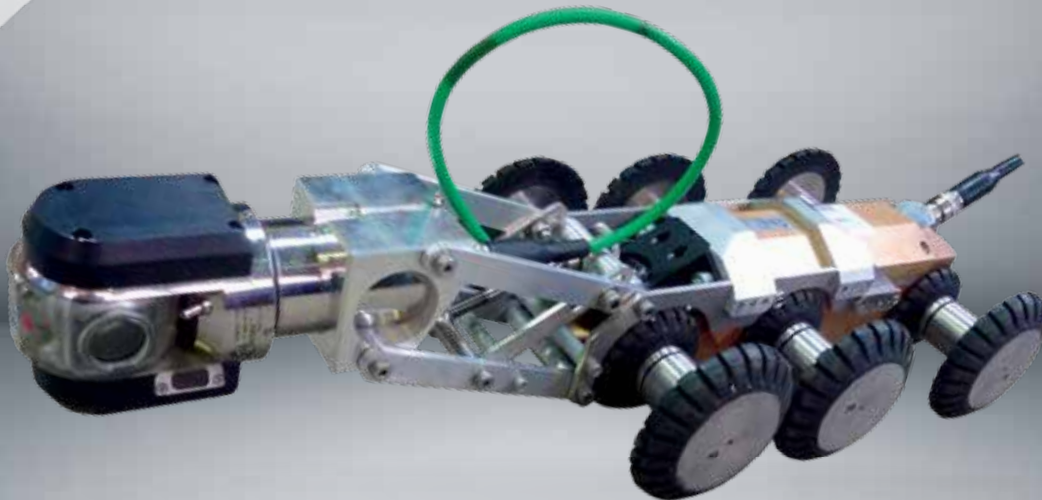


# SCANVISION 07

AS SERIMAX'S TOOL FOR INTERNAL VISUAL INSPECTION AND MEASUREMENT ON ALL PIPELINE PROJECTS, THE SCANVISION DOCUMENTS YOUR PROJECT'S WELDING DNA AND CREATES TRUST IN WELDING PERFORMANCE.



## FULL CONFIDENCE IN PIPELINE WELD INTEGRITY

- Traceability and quality control
- Combines visual inspection and laser measurement
- Promotes firing line efficiency and saves time thanks to intermediate inspection capabilities

Cont  
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## TECHNICAL DESCRIPTION

### EQUIPMENT MAIN DESCRIPTION

- Dimension Camera only: 250mm x 85mm diameter
- Dimension Camera + trolley:  
132-280 mm x 108-130 mm
- Dimension Camera + Holder Centrator:  
1640 mm x Diam. mini 203 mm - maxi
- Trolley Weight: 134kg
- Camera Holder Centrator Weight (kg): 166kg
- Optical Zoom: x10

### PIPE DIAMETER CAPACITY

- OD min: Limit is on ID not OD
- OD max: Limit is on ID not OD
- ID min: 5.9" x 150mm
- ID max: 17.72" x 450.0"
- WT min: Limit is on ID not OD
- WT max: Limit is on ID not OD

### WELDING POSITION CAPACITY

- 5G (S lay, Landlines)
- 2G (J-lay)

### PROCESS SPECIFIC CAPACITY

- Rotation Capacity: +/- 360° limitless
- Rotation speed: up to 25°/sec.
- Data Record: All data can be recorded in Movie and/or picture Files
- Resolution: PAL 450TV lines
- Defect detection accuracy: +/-0.1 mm on local measurements

### POWER REQUIREMENTS/NEED

- Electricity (Camera On back of ILUC):  
48V (Consumption: < 10 Watts)

- Electric (Camera in station 2):  
48V (Consumption: < 10 Watts)
- Electric (Camera Tie-in):  
300 Vcc (Consumption: 2x100W)

### SPECIFIC NEEDS

#### Inspection Cycle Time:

- The cycle time depends on the pipe ID to be visually inspected and on the number and type of defects that may be found by the QC
- Camera Positioning 1 min
- Real time inspection based on a go/no-go basis:  
1.5-3 min
- Local measurement: 30s per measurement