



JD7Signus™



Benefits

- Insertion into any pipe (3in. to 12in. diameter)
- 1500ft capable
- Municipality, contractor or consulting engineer applicable
- Geometric and corrosion assessment
- Vertical and horizontal pipework
- Automatic drive system
- Independent reporting
- Highest resolution available



Description

The JD7 Signus™ is a high resolution internal measurement and assessment tool incorporating a HD camera module coupled with a focussed laser sensor. The Signus allows all pipe materials, types and lengths to be accurately surveyed giving an incredibly detailed report on condition, corrosion and dimensions. Vertical or horizontal pipework is not a problem.

The tool is used for pipe analysis by municipalities, contractors or consulting engineers to understand pipework condition. This is commonly applied pre and post rehabilitation to provide full audit trails.

The system utilizes an automatic electronic feed system holding 1500ft of umbilical which is fully portable and battery powered

The Signus data can be fed directly into JD7's reporting portal for independent, automatic report generation which includes raw data, Isometric views, graphs and laser overlayed video images.

Applications include; buildings, powerstations, utilities, airports, municipality networks, natural gas and petrol chemical facilities.



Winner of the Pipeline Industry
Guild's - Utility Pipeline
Technology Award

Specifications

- 3in. (100mm) to 12in. (300mm) pipelines
 - HD camera module for hi-resolution recording
 - Focussed laser diode for narrow beam measurement
 - 0.004in. (0.1mm) resolution capability
 - 3.6v battery powered sensor head
 - Adjustable stabilizing skids
 - 1500 ft umbilical
 - 12vdc Automatic battery powered feed system
 - Full package and training
 - Automatic reporting through JD7 Portal™
- Proven technology



“Geometric and corrosion assessment”

“ Pre and post rehabilitation to provide full audit trails”



Contact

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