

RAS

PIPELINES IN BESTFORM



INTRODUCING A NEW MEMBER OF THE SERVICE RANGE

THE PIPELINE SERVICE

Safety - with no compromises. Quality you can depend on. A dedicated team.

The RAS Geometrical Pipeline Inspection tool is an independent tool which can be modified to act as a multipurpose inspection tool with a variety of measurements beyond the market known caliper inspection tools.

Besides its main function to act as a Geometrical Pipeline Inspection tool with independent sensing arms and high resolution circumferential measurement, additionally service such as bend detection, o'clock positioning system, temperature measurement, high resolution weld detection, accurate Δp differential pressure recording as well as high resolution XYZ positioning can be adopted. The tool is designed in a way that all relevant sensors are available in redundancy, which gives besides its high accuracy also additionally backup in case unforeseen obstacles in the pipeline have an unwanted impact on the inspection tool.



GPI-tool



By standard the GPI - tool can negotiate 1.5D bends and can pass reductions up to 75% of the pipeline inner diameter. During the passage in the pipeline all axial as well as circumferential movements are measured with a high accuracy due to the tool design of the measurement arms as well as the odometers.

Run conditions:

Recommended pig speed: 0.1 - 3.0 m/s
Temperature range: -20°C - 80°C (limitation by battery supply, upon request further ranges could be applied)
Pressure range. - 10 MPa

Optional features:

- high resolution magnetic weld detection, for accurate pipe book data
- bend detection, angle and radius
- o'clock positioning system, for accurate defect/feature position location
- temperature recording, PT100 class A
- Δp differential pressure recording
- high resolution XYZ positioning

RAS – we deliver more. And for us, that's what it's all about.

EACH DETAIL

ENGINEERED

TO PERFECTION



RAS

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