

World Leader in Robotic Tank Inspections



What's an ideal Tank Candidate?

- ⊙ Tank type - Fixed, EFR, IFR
- ⊙ Manway size - min 24" roof or shell
- ⊙ Clean Product Tanks (Light, uncompacted sediment)
- ⊙ Product temperature < 105 F (40 C)
- ⊙ Product viscosity < 125 cst at temperature
- ⊙ Product compatibility verified to date (additional products subject to SDS review)

The following products have been evaluated for submerged operations using SR Inspection Robots, with ongoing assessments for new materials.

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|-------------------------|----------------------------|--|
| ● Aromatic 200 Fluid | ● Glycol | ● Urea Ammonium Nitrate |
| ● Diesel | ● Jayflex L911P | ● Light Crude (Subject to review) |
| ● Gasoline (All grades) | ● Mineral Oil | ● Fuel Oil |
| ● Isopar V | ● Soybean Oil | ● Hexyl Carbitol (Glycol Ether) |
| ● Methanol | ● Corn Oil | ● Lube Oil (Subject to viscosity at temperature) |
| ● Paraxylene | ● Exxal 10 and L9 | ● Orthoxylene |
| ● Xylene | ● Hexanol Material Soak Te | ● Water |
| ● Aviation/Jet | ● Kerosene | |
| ● Ethanol | ● Naphtha | |

** Other products available subject to SDS , soak test, viscosity review

Don't see your product? Reach out to our team for further review of material compatibility: info@squarerobot.com

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|--|--|
| ● List of tank inspection candidates (Location, Size, Type, and Product) | ● Tank drawings |
| ● Tank product SDS sheets | ● Past tank inspection reports |
| | ● Facility access for initial inspection and site review |

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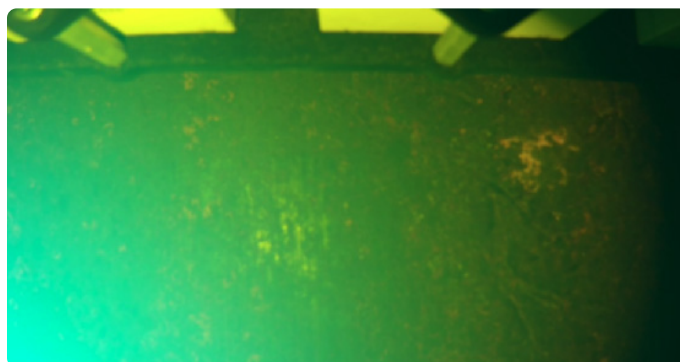
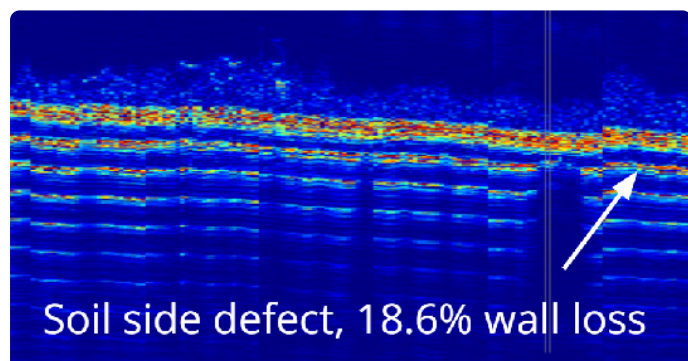


SR Inspection Robot Environmental Specifications

Specifications	SR-3 Inspection Robot
Operating Temperature Range	0°C to 40°C (32°F to 104°F)
Storage Temperature Range	-10°C to 60°C (14°F to 140°F)
Vehicle Maximum Operating Depth	27.4 m (90-ft) in freshwater ($P_{abs} = 370 \text{ kPa}$, $P_{gauge} = 269 \text{ kPa}$)
Minimum Fluid Product Density (ρ)	680 kg/m ³ (5.7 lbs/gal)
Minimum Product Fill Height (ρ specific)	For ρ 710 kg/m ³ : 5.4 m (17.9-ft) For ρ 1000 kg/m ³ : 4.0 m (13.2-ft)
Maximum Kinematic Viscosity (with no robot performance loss)	45 cSt
Operating Temperature Range	Designed for C1D2

Existing Service Offerings

- API 653 Tank Inspection
- PAUT Internal Bottom Inspection
- PAUT Internal Shell Inspection
- Visual Internal Tank Inspection
- Tank Bottom Settlement Survey
- Extreme Value Analysis EVA
- Tank Calibration Survey



Start your Robotic Tank Inspections by contacting us with the following to:
info@squarerobot.com

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- Tank product SDS sheets
- Tank drawings
- Past tank inspection reports
- Facility access for initial inspection and site review