

## Bulk level and interface measurement

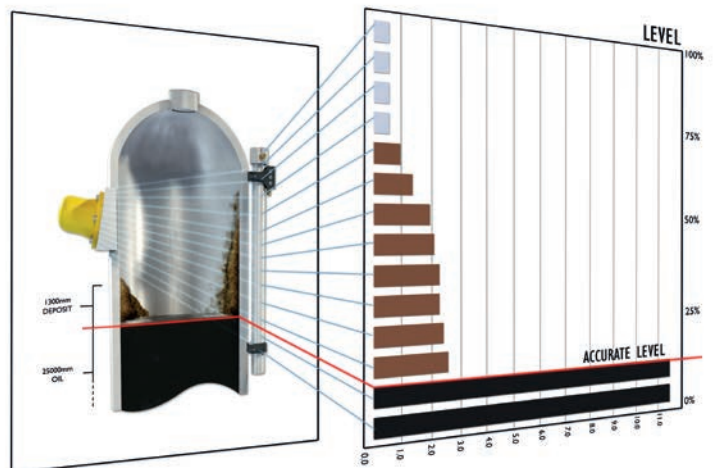
Optimus™ is designed for liquid level, interface and solids monitoring in upstream and downstream vessels. Optimus™ is suitable for bulk level measurement in the most challenging oil, chemical and petrochemical industry applications, including those with the potential for solids deposition and extremes of temperature and pressure.

### Key features


- Advanced signal processing
- Interchangeable components for easy on-site maintenance
- Non-intrusive

### Benefits

- Provides accurate level measurement even in the presence of deposition, fouling or process pressure changes
- Minimises unplanned shutdowns
- Improves product quality
- Enables process optimisation
- Monitors the extent of deposit build-up
- Provides operators with the confidence to increase production



# Optimus™ specification

Performance			
<b>Technology</b>	Geiger-Müller	<b>Range</b>	up to 17.28m (56.8 ft)
<b>Configuration</b>	Segmented	<b>Repeatability</b>	±0.5% typical (application dependent)
<b>Accuracy</b>	±1% typical (application dependent)		
Electrical characteristics			
<b>Supply voltage</b>	24Vdc	<b>Input</b>	Passive 4-20mA
<b>Power consumption</b>	<2W	<b>Output</b>	2-wire HART* 7, 4-20mA
Mechanical characteristics			
		<b>Active length</b>	240-4320mm (9.44-170") in multiples of 240mm (9.44")
		<b>Overall length</b>	489-4542mm (10.5-178.8")
		<b>Cable entries</b>	One; metric M20*1.5
		<b>Weight</b>	3.1-11.6kg (6.8-25.5lbs)
		<b>Housing</b>	316L, IP66
Environmental			
<b>Approvals</b>	ATEX, IECEx, CSA & FM	<b>Operating and storage temperature</b>	-40°C to +85°C (-40°F to +185°F)
<b>Method of protection</b>	Intrinsic safety	<b>Compliance</b>	EMC: 2014/30/EU, EN61326-1:2013
Additional information			
<b>Accessories</b>		Mounting bracket, connectors, HART modem*	
<b>Spares</b>		EHT module (SA-1), EHT module (SA-8/3), HART PCB (SA-4/1), Interface board (SA-5/4), Interface board (SA-6/4)	
<b>Product code</b>		PRI 150, T221	
<b>Software</b>		Tracerco ToolBox	

\* Not registered with the FieldComm Group.