

The Tracerco Profiler™

Clarity without compromise

Water limits oil and gas productivity. A primary production challenge is measuring how much water is present, where it is located and how it is combined. And what you cannot measure accurately, you cannot manage well. The Tracerco Profiler™ is the best at measuring water in your production system. Sand, water, emulsions, oil, foam and gas are measured:

- Over the largest possible distance
- With the smallest vertical resolution
- To the most accurate density.

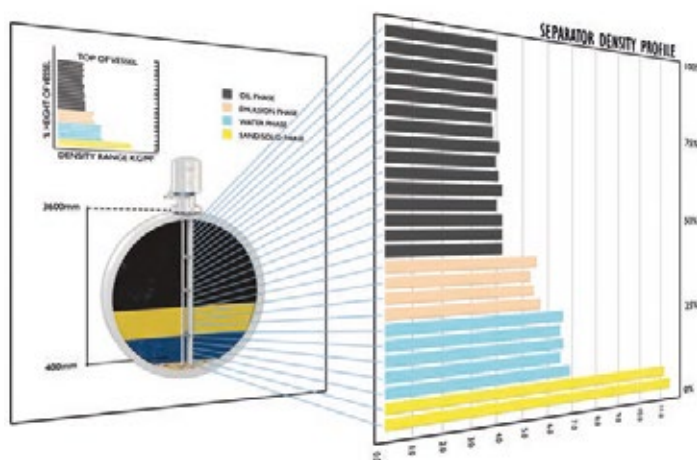
The technology is safe. And once installed, it lasts for decades without maintenance. The Tracerco Profiler™ helps you keep oil out of your water and water out of your oil, increasing your production, reducing your chemical costs, and protecting you from environmental fines and reputation damage.

Key features

- Extremely reliable with zero moving parts
- Low maintenance

Benefits

- Increases production throughput
- Measures and controls the distribution of fluids
- Determines the interface between water and oil or oil and gas
- Provides real-time process optimisation
- Minimises shutdowns and reduces chemical additives costs



The Tracerco Profiler™ specification

Performance			
Technology	Geiger-Müller	Resolution	30mm (1.1")
Accuracy - level	±1% typical (application dependent)	Repeatability	±0.5% typical (application dependent)
		Range (single/extended)	4500mm (177")/ up 9000mm (29.5 ft)
Electrical characteristics			
Supply voltage	24Vdc @ 100mA	Input	- Modbus RTU over RS-485 - Passive isolated 4-20mA
Power consumption	<7W	Output	- Modbus RTU over RS-485 Modbus TCP/IP over Ethernet 5 off isolated 4-20mA (active or passive) - N/O volt-free contact
Mechanical characteristics			
		Active length	Customisable; 60-9000mm (2.3-354") in multiples of 60mm (2.3")
		Overall length	Customisable; model dependent
		Weight	Customisable; model dependent
		Cable entries	4; metric or imperial
		Housing	316L, IP66
		Pressure retaining part	Customisable; model dependent
Environmental			
Approvals	ATEX, IECEx, CSA & FM	Operating temperature	Probe -55°C to +180°C (-67°F to +356°F) Signal box -20°C to +50°C (-4°F to +122°F) Model dependent
		Storage temperature	Probe -40°C to +100°C (-40°F to +212°F), Signal box -20°C to +50°C (-4°F to +122°F)
Method of protection	Intrinsic safety	Compliance	EMC: 2014/30/EU, EN61326-1:2013
Additional information			
Spares		Signal processor (SA31/1 & SA31/2)	
Product codes		T240, T229	
Software		Tracerco ToolBox	