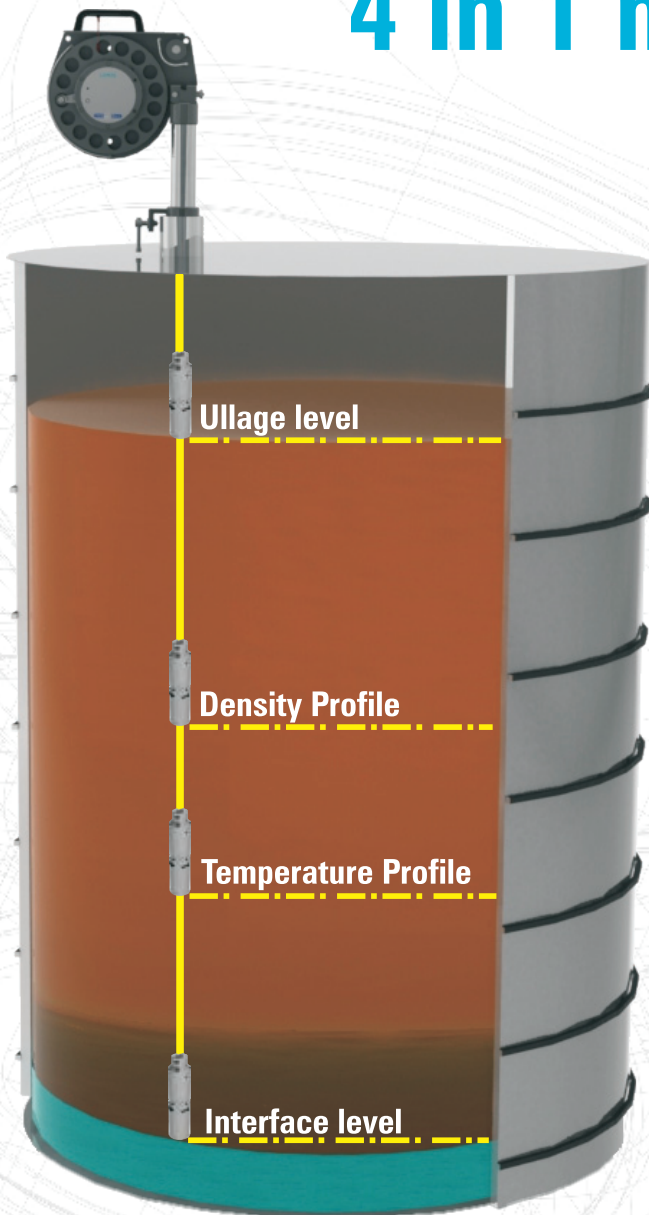


4 in 1 measurements



PORTABLE TANK GAUGING DEVICE

Density - Ullage Level - Temperature - Interface Level

DUTI -254

IN PROCESS TO EXCELLENCE

Specifications

Advantages

- Density Profile
- Ullage Level
- Interface Level
- Temperature Profile
- No sampling required
- At any depths up to 30 meters

Applications

- Petroleum industry
- Marine industry
- Oil industry
- Chemical industry
- Power industry

Sensing probe DUTI includes:

- Vibrating Level sensor
- Vibrating Density sensor
- Platinum Temperature sensor
- Conductivity Interface sensor

Measuring range:	
Density	0... 3 g/cm ³ (0... 3000 kg/m ³)
Temperature	-40... +85°C (-40... +185°F)
Level	Up to 30 m (up to 100 ft)
Accuracy:	
Density	±0.0003 or ±0.0005 g/cm ³ (±0.3 or ±0.5 kg/m ³)
Temperature	±0.1°C (±0.2°F) or ±0.2°C (±0.4°F)
Ullage/Interface detector	±2 mm (±0.008")
Repeatability:	
Density	±0.00015 or ±0.00025 g/cm ³ (±0.15 or ±0.25 kg/m ³)
Temperature	±0.01°C (±0.02°F) or ±0.1°C (±0.2°F)
Level	±1 mm (±1/16")
Resolution:	
Density	0.0001 g/cm ³ (0.1 kg/m ³)
Temperature	±0.01°C (±0.02°F) or ±0.1°C (±0.2°F)
Level	1 mm (1/16")
Supported measuring units	Real density: g/cm ³ , kg/m ³ , lb/gal, lb/ft ³ ; API; SG Referred density: at 15°C, 20°C, 60°F; API60; SG60 Tables ASTM D1250 Tape graduation - Metric /English Temperature in °C or °F
Ambient temperature	-40... +60°C (-40... +140°F)
Depth of submersion	Up to 30 meters (up to 100 ft)
Intrinsically safe:	
Controller	ATEX II (2G) EEx ib [ia] IIB T4
Level block with sensor	ATEX II 1G EEx ia IIB T4
Power supply	NiMH 3.6V-1500 mAh
Operating time without charging	Appr. 12 hours
Dimensions, weight:	
Controller	180 x 80 x 40 mm (7.1 x 3.2 x 1.6"), 0.6 kg (1.3 lb)
Level block with sensor	420 x 245 x 140 mm, (16.5 x 9.7 x 5.5"), 4 kg (8.8 lb)
Temperature compensation	Automatic
Viscosity compensation	Automatic
Data handling	Backlighted LCD display (2x16) Local memory up to 2000 results Build in Bluetooth for data transfer to printer or PC Optional Windows - based software



Level reading on graduated tape



Delivered in compact carrying case



Bluetooth printer



For more information please visit www.lemis-process.com



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