With years of experience in the oil and gas industry, Siemens brings you a comprehensive portfolio of accurate, robust process instrumentation capable of top-level performance in harsh operating conditions.

Siemens instrumentation reliably measures and monitors every step of the desalting process to give you greater control over the large number of process variables involved. Your result is optimal performance of the Desalter Unit for more efficient removal of salt and other undesirable impurities in crude oil, which is vitally important for protecting high-value refinery equipment.
We offer intelligent process instrumentation products for your application:

### SITRANS P DS III - Digital pressure transmitter

| Measuring range | Gauge pressure: 0 to 1 bar ... 0 to 700 bar  
| Absolute pressure (GP design): 0 to 250 mbar a ... 0 to 30 bar a  
| Absolute pressure (DP design): 0 to 250 mbar a ... 0 to 100 bar a  
| Differential pressure: 0 to 20 mbar ... 0 to 30 bar a |
| Wetted parts material | Stainless steel 316 L (1.4404), Hastelloy C-276, Tantalum, Monel 400, Gold (coating) and various O-ring materials |
| Process temperature | -40 to 100 °C (-40 to 212 °F) |

**Benefits:**
- Extensive diagnostic and simulation functions
- High-accuracy performance even at low pressures
- Local display and programming in a rugged industrial enclosure

### SITRANS LG250 - Guided wave radar for interface applications

| Measuring range | 300 to 75,000 mm (11.81 to 2,952.75 inch) |
| Process temperature | -196 to 450 °C (-321 to 842 °F) |
| Vessel pressure | -1 to 400 bar (-100 to 40,000 kPa) |

**Benefits:**
- Guided wave radar technology ensures reliable level tracking of oil and water level interfaces, with a dedicated 4 – 20 mA output for each
- Advanced communications, enhanced diagnostics and 100,000-point configurable data logger for repeatable performance year after year
- Simple menu-driven display offers ease of setup

### SITRANS FC410 / FC430 - Coriolis mass flowmeter

| Sensor sizes | DN 15 to DN 80 (½” to 3”) |
| Sensor material | Stainless steel 316L (1.4404), Hastelloy C-276 |
| Process temperature | -50 to 200 °C (-58 to 392 °F) |

**Benefits:**
- Custody transfer accuracy with safety approval up to SIL 3
- Simultaneous monitoring of density, flow and temperature with high-speed signal update
- Measurement of entrained gases and aeration up to 5%

### Optimize your process or plant with Siemens automation solutions

#### SIMATIC Controllers

- PLC- or PC-based control solutions for stand-alone to highly complex applications.

#### SIMATIC HMI

- Optimized operator control and monitoring systems using open and standardized interfaces.

#### SITOP Power Supplies

- Energy-efficient operation with reliable and constant power supply for a wide range of applications.

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