Global companies and representatives

The current list of all KROHNE contacts and addresses can be found at: www.krohne.com.

Contact
KROHNE Oil & Gas
Minervum 7441
4817 ZG Breda
The Netherlands
Postal address:
PO box 9310
4801 LH Breda
The Netherlands
Tel.: +31 767 112 000
Fax: +31 767 112 001
oilandgas@krohne.com

South East Asia office
KROHNE (MI) Sdn Bhd
Axis Business Campus
Unit G.01, Block B
No. 13A & 13B
Jalan 225 Sekyren 51A
65080 Petaling Jaya
Selangor Malaysia
Tel.: +60 379 320 500
Fax: +60 379 325 800
my.info@krohne.com

Middle East office
KROHNE Middle East
PO box 17344
LOB 15 401
JAFZ
Dubai, United Arab Emirates
Tel.: +971 488 105 50
Fax: +971 488 105 51
MEA.Sales@krohne.com

KROHNE Oil and Gas – Your partner for the right measurement solution

With the oil and gas industry going through challenging times, process optimisation and cost effective operation are now more important than ever before. KROHNE, with over 25 years of experience in this industry, understands these challenges and is helping companies to increase their efficiency by offering world class process instrumentation, metering solutions and field services to unlock the full potential of an application.

KROHNE has an impressive history supplying instrumentation and metering solutions in the up-, mid- and downstream oil and gas industry. From Reservoir Measurement with multiphase and wet-gas solutions at the well head to enhanced solutions for blending of refined products and cost effective instrumentation to measure steam and auxiliary gasses in a refinery.

KROHNE is a leading supplier of Custody Transfer Metering Systems. Having flow computers and design concepts software along with world class instrumentation, KROHNE offers complete project management from design concepts to commissioning and start-up. With an international team for global service and support, KROHNE ensures the user is supported with training and proactive maintenance to reduce downtimes and shutdowns.

Full range of reservoir measurement solutions

Reservoir fluid is usually produced in the form of multi-phases at surface conditions, which consists of hydrocarbon liquid and gas with some produced water whether in limited or abundant quantity.

KROHNE provides complete integrated solutions ranging from GVF 0.01 up to 100% for accurate reservoir measurement, using a variety of measurement principles (Coriolis, Magnetic Resonance, DP, Ultrasonic).

LNG measurement in good hands

LNG measurement comes with its own set of challenges, in particular when high accuracy measurements are required.

KROHNE’s unique product and metering system portfolio can be found at many key LNG projects around the globe, as well as at small scale LNG applications such as truck (un-) loading and fuel dispensing.

KROHNE ultrasonic and Coriolis mass flowmeters are suitable for all small and large scale LNG production or distribution measurement requirements.

Know where your leaks are

PipePatrol is a leading edge system for pipeline leak detection and localisation in pipelines. It is the most sensitive internal leak detection system (LDS) available, providing accurate leak information for a high degree of safety.

PipePatrol combines the Real Time Transient Model (RTTM) with a patented Leak Pattern Recognition module to create an Extended Real Time Transient Model (E-RTTM). Its multimethod leak detection enables oil and gas pipeline management under both steady and transient pipeline conditions.

This way, the LDS is able to reliably distinguish between real leaks and imbalance deviations caused by linefill changes or separation units.
Turn key Flow Metering Systems
Fully integrated metering skids for liquid and gas applications
- Metering houses with sampling and analyser systems
- Supervisory and flow computer systems including flow computers, control panels and customer interfaces
- Validation systems
- Meter prover systems (for liquid applications)

M-PHASE – multiphase flowmeter
Magnetic resonance multiphase flowmeter for simultaneous measurement of oil, gas and water
- Single measurement principle, no radioactive source
- Fully automated inline fluid characterisation
- Large dynamic range up to 1:60, full bore design

WGS – Wet Gas Systems
Wet gas measurement for multiphase applications
- Well performance monitoring for changing composition
- Diagnostics and fault monitoring
- High accuracy with enhanced flow computations

ALTOSONIC and OPTISONIC – ultrasonic flowmeters
For process and utility applications, energy and custody transfer (CT) measurements
- Comprehensive portfolio for gases, liquids and steam
- High temperature and cryogenic versions, variants for high pressure and higher viscosities

OPTIMASS – Coriolis mass flowmeters
For all process and custody transfer (CT) applications
- Mass, volume flow, density and concentration measurement of liquids and gases
- Continuous flow measurement, even with entrained gas of up to 100% (EGM™)

OPTISWIRL – vortex flowmeters
For utility applications, advanced energy management and Safety Instrumented Systems (SIS)
- For liquids, (wet) gases and saturated and superheated steam (1-260°C/440°F)
- Integrated PIT measurement: direct output of mass, nominal flow, energy, gross/net heat

SUMMIT 8800 – flow computer
Flow computer for custody transfer (CT) measurement
- Cost effective solution due to modular hard- and software design
- Full colour graphical touch screen for maximum process transparency
- Easy operator access, enabling time efficient maintenance
- Automatic: Performance Monitoring extends recalibration interval

OPTIFLUX – electromagnetic flowmeters
For all applications with conductive liquids
- Basic to demanding flow and custody transfer (CT) measurements
- Designs and liner materials for various applications – from potable water to extremely adhesive, abrasive or aggressive fluids
- Large choice of nominal sizes up to DN3000 / 120”

OPTIFLEX – level measurement
Transmitters, switches, indicators and accessories for level measurement
- For continuous level and interface measurement or point level detection
- Contact or non-contact measurement of liquids, pastes, granulates, powders, solids, bulk goods, etc.
- For standard or demanding applications with advanced requirements, hazardous areas and Functional Safety (SIL)

OPTITEMP – temperature measurement
Assemblies, sensors, transmitters and accessories for temperature measurement
- Resistance temperature detectors (RTD) and thermocouples (TC) for industrial process and OEM applications
- Temperature assemblies, cable probes, compact sensors and tailor-made solutions
- Head and rail mounted temperature transmitters with safe and SIL approved designs

OPTIBAR – pressure measurement
Process instruments for pressure and differential pressure applications
- Comprehensive portfolio: transmitters, primary elements, diaphragm seals and accessories
- Ceramic and metallic measuring cells
- For a wide range of industrial applications with liquids, gases and steam

PipePatrol – leak detection system
Leak detection system for liquid, gas and multi-product pipelines
- E-RTTM (Extended Real Time Transient Model) based leak detection and localisation
- Highly accurate and extremely reliable leak information
- Meets API 1130 and TRFF standard requirement
- Completely independent solution or integrated into existing instrumentation and control systems