

METIS AFRICA

METERING INSTRUMENTATION SERVICES

Sole Distributor in Central and West Africa for:

YOKOGAWA, FLEXIM, SKIDM, VEGA, WIKA, SPIRIT IT, INOV8 and BEAMEX instruments

YOKOGAWA   FLEXIM SKID  M VEGA  WIKAI® Spirit  IT INOV8  INOV8  beamex
A MEMBER OF THE ABB GROUP INFINITE INNOVATION WORLD-CLASS CALIBRATION SOLUTIONS

YOKOGAWA Field Instruments

Yokogawa field instrument products offer a complete line of flowmeters, pressure transmitters, differential pressure transmitters, temperature transmitters, level transmitters and Fieldbus instruments. The accurate and stable measurement of process pressure with **Yokogawa** Pressure Transmitters supports the safe, reliable, and profitable operation of your plant.

Our wide range of high quality, accurate and reliable flow solutions combined with over 100 years of flowmeter experience enable us to provide technical solutions for virtually all flow applications.



Process Analyzers Test & Measurement

Yokogawa process analyzers are on-line tools for industrial process analytics, used to determine the chemical composition or physical properties of substances involved in industrial processes. They enable process optimization, asset protection, and compliance with environmental regulations.



Yokogawa also offer high precision test and measurement instruments, digital oscilloscopes, data acquisition systems, power analyzers and power meters, signal generators, sources and supplies.

... Your test and measurement needs are broad and diverse. **Yokogawa** provides the right tools for your tasks with a variety of Test & Measurement Instruments.



YOKOGAWA



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FLEXIM

Non-intrusive Flow Meters for Gas and Liquids

FLEXIM – a non-intrusive flow measuring system for gas and liquids, whether fixed or portable. Flow meters designed for offshore applications and conditions with ATEX zone 1 or 2, SIL2 markings. Robust design (stainless steel casing for sensors and electronics) with highly effective signal processing, ensuring maximum accuracy in harsh conditions.

Shear wave technology for the flow measurement of liquids (up to 10% of solids) and Lamb wave for the flow measurement of gases, even under very low pressure.



SKIDM

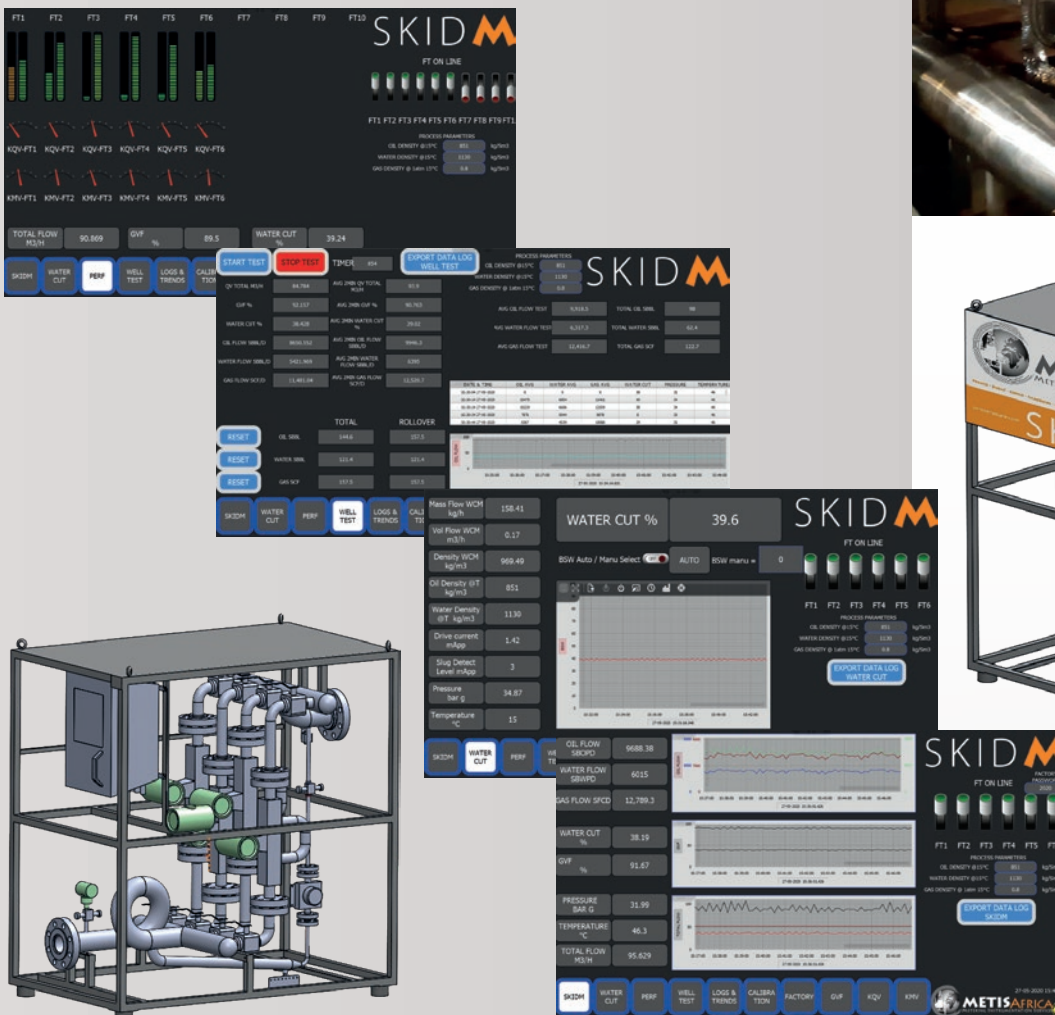
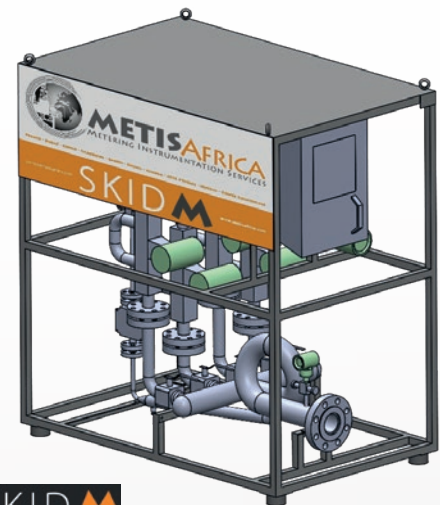
Multiphase Metering System for Fluid Measurement

The **SKIDM** developed by **METIS Africa** is a multiphase skid designed for measuring the fluids which are extracted from oil wells. These drillings produce water, oil and gas. Currently, it is difficult to measure those 3 components at the same time without separating them.

The **SKIDM** is the only system able to measure and calculate the flow of water, oil and gas instantly, without phase separation (the method commonly used on platforms where the 3 phases are separated in tank separators in order to quantify each phase individually), and without radioactive source (a method which is much more expensive, binding and which does not work on the smallest flows that represent 80% of existing applications).

The **SKIDM** from **METIS Africa** is available in 1 line configuration, or multiline in parallel. It is equipped with the latest mass flowmeter from **YOKOGAWA**, the Coriolis ROTAMASS TI, and with the video recorder incorporating the Atex touch screen.

SKIDM



METIS Africa provides instrumentation solutions for:

- Pressure, temperature, flow (Coriolis, Vortex, rotameter, orifice plate, pilot tube, etc) measurement and multiphase fluid measurement (SKIDM)
- Liquid analysis (pH, conductivity, dissolved oxygen, FT NIR) and gas analysis (chromatography, diode laser)
- Level measurement (by differential pressure with or without membrane separators, ultrasounds, radar)
- Oil in Water (OIW) analysis (fluorescence)
- Instrumentation accessories (manifolds, valves, etc.) and calibration, fiscal metering solutions

VEGA

Liquids and Solids Level Measurement Instruments

VEGA is a global manufacturer of process instrumentation. Its product portfolio includes level measurement sensors, point level switches, and equipment and software for integration into process control systems.

For many years, **VEGA's** measurement solutions have developed from their expertise in the field of offshore oil exploration/production combined with cutting-edge technology.

VEGA instruments lead the market for operational safety, measurement reliability and profitability for all products and process conditions.



VEGA



WIKAI

Pressure, Temperature and Level Measuring Instruments

Founded in 1946, **WIKAI** has built a reputation as a renowned partner and competent specialist for any task in the field of measurement technology.

Whether you want to measure 0.5 mbar or 700 bar, require computer proof for your thermowells, need to measure a continuous or monitor a level limit, record flow through a plate with orifices, or a Venturi or Pitot tube, for every application we offer a solution tailored to your needs.



SPiRiT^{it}

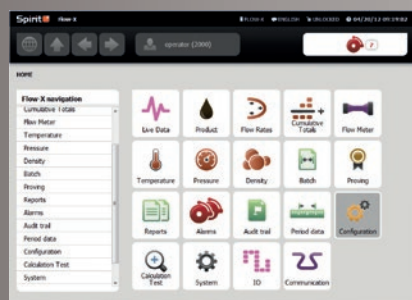
High Accuracy Flow Computers

Spirit^{it} (ABB Group) is a technology leader that is driving the digital transformation of industries. With a history of innovation spanning more than 130 years, ABB has four customer-focused, globally leading businesses:

- Electrification,
- Industrial Automation,
- Motion,
- Robotics & Discrete Automation.

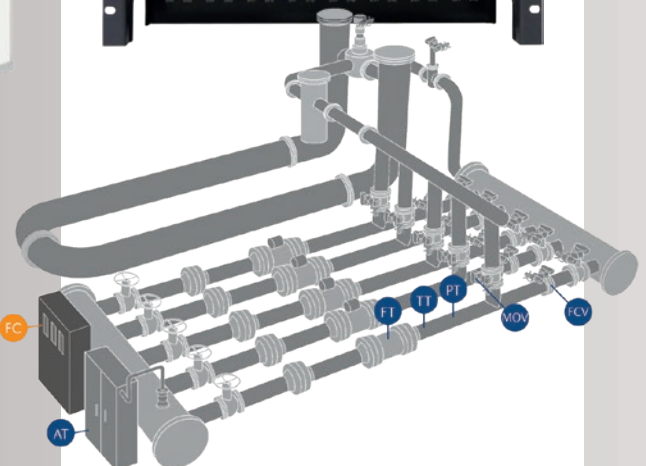
The **Spirit^{it} Flow-X** is the most accurate and secure flow computer on the market today with a modern design and user interface.

It can be used for gas, liquid and steam and provides configurable functionality to control any flow measurement system. Its hardware and software are certified against the most stringent legal metrology standards.



Spirit^{it}

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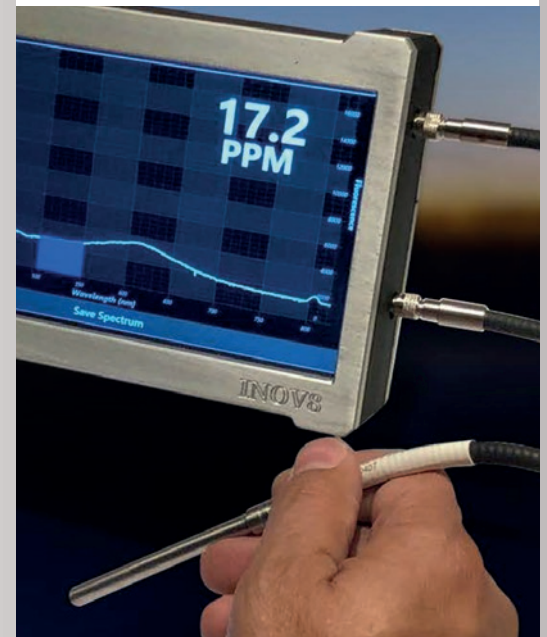


INOV8

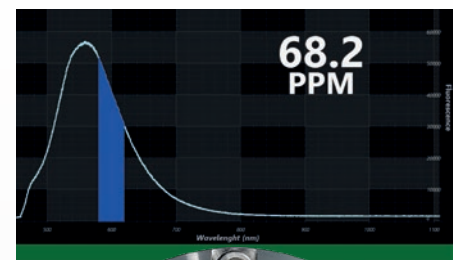
OIL In Water (OIW) Analysers

INOV8 was created in 2013 by one of the principle founders of Advanced Sensors, to develop and produce the world's most efficient Oil In Water analysis systems.

INOV8
INFINITE INNOVATION



Building on decades of innovation experience in the Oil & Gas industry, **INOV8** have developed the best analysers, portable meters and Oil In Water systems available today for an ever-changing demanding market.



METIS Africa provide their customers with:

- Technical support (from receipt of the tender to installation of the equipment)
- On-time deliveries
- Turnkey solutions (audit, study, implementation, installation, commissioning, customer service) for automated flow measurement of natural gas, crude oil, liquid propane gas, condensates, two-phase and multiphase fluids

BEAMEX

Calibration Solutions, Portable Devices and Software

BEAMEX is a global manufacturer of calibration solutions meeting the most stringent requirements of process instrumentation.

BEAMEX offers a complete portfolio of products and services:

- Portable calibration benches,
- Multifunction calibrators,
- Metrology software,
- Consultancy services,
- Training,
- As well as solutions and services specific to each industry.

BEAMEX meets ISO 9001: 2008 and ISO 17025 quality standards.

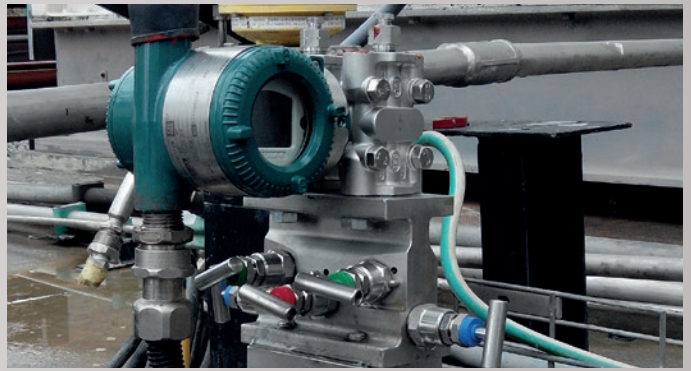
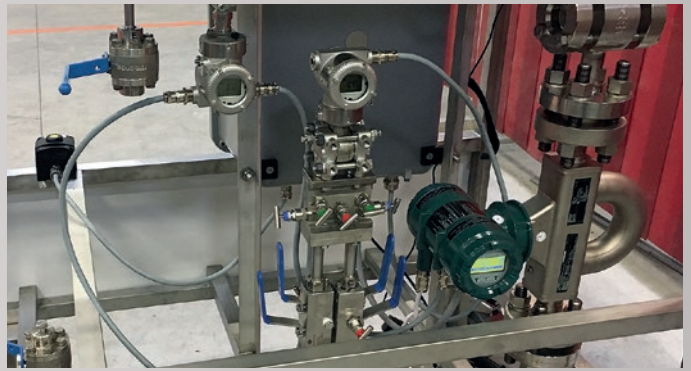
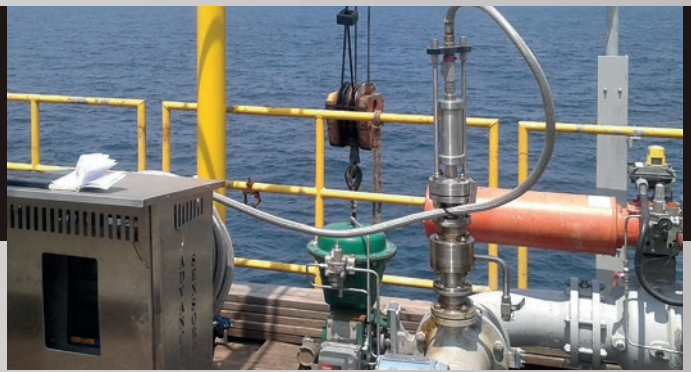


beamex
WORLD-CLASS CALIBRATION SOLUTIONS



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METIS Africa References: ADDAX (Cameroon, Gabon) • ANGLOGOLD Ashanti (Ghana) • ASSALA (Gabon) • CENPOWER (Ghana) • Compagnie Sucrière Sénégalaise (Senegal) • CORAF (Congo) • ENI (Congo) • ExxonMobil (Cameroon, Chad) • INDORAMA (Senegal) • MAUREL & PROM (Gabon) • MODEC (Ghana) • Nestlé (Cameroon, Ghana, Ivory Coast, Senegal) • PERENCO (Cameroon, Congo, DR Congo, Gabon) • SIR (Ivory Coast) • SOCO CIM (Senegal) • SONARA (Cameroon) • Sucrivoire (Ivory Coast) • TRIDENT ENERGY (Equatorial Guinea) • TOTAL (Angola, Congo, Gabon) • • •



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