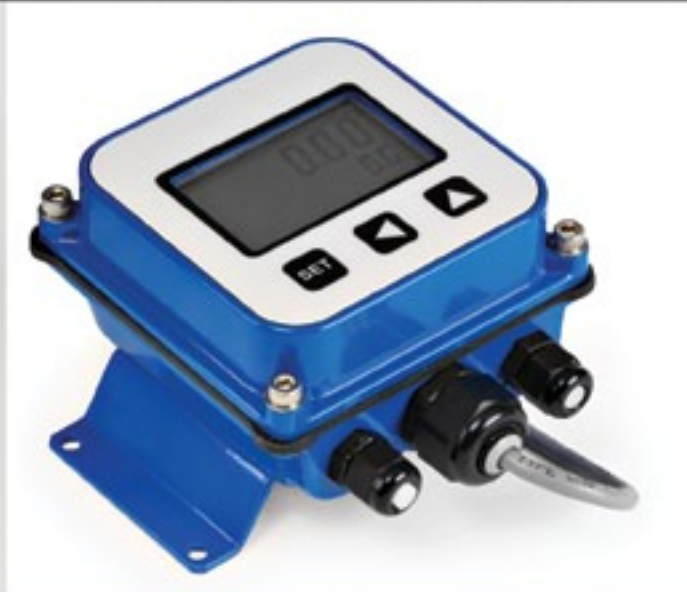




INSTRUMENTS  
**VERONICS INC.**



**ISO9001: 2008  
REGISTERED  
NO.: QAC/R01/0037 S/N 142**

**WWW.VERONICS.COM**

# FLOW

## CORIOLIS FLOW METERS

- Very high accuracy
- Direct mass flow rate
- Liquid, sludge and gas measurement capability
- Models to measure flow rates from as low as 0.03 kg/h up to 1,500,000 kg/h



## PORTABLE ULTRASONIC

- Small, lightweight and easy to use
- Non-intrusive flow measurement for most pipe sizes and materials, including lined pipes
- Velocity, volumetric and energy flow rates
- Totalized flow and trend data
- Logs more than 100,000 flow data points
- Multiple language user interface



## SEAMETRICS FLOW METERS

- Insertion Meters – Magnetic Turbine and Paddlewheel
- In-line - Magnetic, Turbine
- Pulse Meters
- Meter Controls and Displays



## ULTRASONIC GAS FLOW

- Flare gas flow meter
- Steam meters
- Digester gas flow
- Clamp-on gas flow



## ULTRASONIC LIQUID FLOW

- Noninvasive clamp-on or wetted transducers
- Flow range 0.1 to 40 ft/s (0.03 to 12.2 m/s)
- Velocity, volumetric & totaled flow
- One analog output and one frequency/pulse totalizer output standard
- Internal keypad for field programming
- Low-cost package



# TRACE MOISTURE

## PM880 PORTABLE HYGROMETER

- Absolute humidity in liquids and gases
- Single channel with ability to store multiple site locations
- Up to 12 hours of battery life
- Intrinsically safe
- Multiple language user interface



## HYGROPRO MICROPROCESSOR BASED TRANSMITTER

- Ambient to ppb moisture measurement
- Three-function capability with aluminum oxide moisture sensor, temperature
- thermistor and pressure transducer
- Calibrations traceable to National Institute of Standards and Technology (NIST)



## CHILLED MIRROR HYGROMETERS

- Compact and rugged design for easy installation and durability
- Built-in data logger provides ability to record historical data
- Displays and transmits in a variety of parameters



# PRESSURE/CALIBRATION

## PACE CONTROLLERS

- Selection of Chassis and interchangeable control modules
- Single, dual or auto range control module configurations
- High speed pressure control
- Up to 210 bar (3000 psi/21 MPa) gauge & absolute
- Choice of precision up to 0.005% Rdg +0.005% FS



## PORTABLE CALIBRATORS

- Advanced Modular Calibration System
- Multi-function test instrument/calibrator.
- DPI 620, ultra-compact electrical, temperature and frequency calibrator
- Integrates with pressure modules and pressure generation stations



## UNIK5000 PRESSURE AND DEPTH/LEVEL SENSORS

- Modular Pressure sensor platform with selectable, Pressure Connector, Range, Electrical Output, Electrical Connector, Temperature Range, Accuracy, Intrinsically Safe Certification, Accuracy



## TERPS PRESSURE SENSORS

- High Accuracy Resonant Pressure Sensor
- High Precision,  $\pm 0.01\%$  FS over compensated temperature range
- High Stability,  $\pm 100$  ppm FS/year
- Wide temperature range,  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$  ( $-40^{\circ}$  to  $185^{\circ}\text{F}$ )



# GAS DETECTION AND ANALYSERS

## GAS ANALYSERS

- Oxygen Ranges from ppm to 100%
- Thermo-paramagnetic
- Electro-Chemical
- Zirconia
- Thermal Conductivity Gas Analysers



## MSA FIXED GAS & FLAME DETECTION

- Combustible Gas Detection
- Toxic Gas Detection
- Oxygen Detection
- Flame Detection



# MEASUREMENT, CONTROL AND MONITORING

## BUILDING AUTOMATION

- RH And Temperature Transmitters
- Differential Pressure Transmitters
- Carbon Dioxide Transmitters



## HEATERS/CONTROLS

- All Types Of Industrial Heaters
- Temperature Controls
- Complete Control Systems



## DATA LOGGING

- ACR Systems
- Smart Reader Plus
- Temperature Loggers
- Humidity Loggers



## COMBUSTION ANALYSIS

- Basic O<sub>2</sub> and efficiency
- CO, Combustibles & Draft Options
- NO/NO<sub>2</sub>/SO<sub>2</sub> options
- Blue Tooth available.



## VERONICS SERVICES

- Moisture Probe Calibrations ■
- Pressure Calibration ■
- On-Site Flow Surveys ■
- Compressed Air Leak Detection ■
- Moisture and Gas Sample Systems ■
- Field Service Start-Ups and Training ■
- On-Site Moisture Measurements ■
- Ultrasonic Bearing Inspection ■

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GE  
Measurement & Control