



ULTRA SONIC "CLAMP ON" FLOWMETER

Solve your flow problems!

FLUXUS® F601

- Purchase or hire: Hire rate \$185/day or \$740/week.
- FLEXIM German-made ultrasonic clamp-on Flowmeter technology.
- Accurate flow measurements in an instant.
- Water or liquid product, any pipe size or material from 1" upwards.
- Data logging without power for up to 16 hours.



GDS Technologies Ltd.

GDS Gas Detection

COMBI



GAS NET

- Great Value, reliable, fixed gas detectors.
- Low cost daisy chain cabling for bigger installations.
- RS485 MODBUS systems.
- Explosion proof and safe area models
- Proven in more than 100 installations in Australia and New Zealand.

GDS-2010



We Do Your Level Best!

ULTRASONIC LEVEL MEASUREMENT

Complete small tank level
EchoPod DL14 multi-function ultrasonic sensor



The EchoPod

- 0 - 1.25 m
- 4-20mA & 4x SPST
- Ideal for Chemical Tanks Day Tanks & Open channel Flow & Sump Monitoring
- WebCal Ready

The next generation

EchoSonic II LU28 Ultrasonic Level Transmitter



Ranges: 0-2.5 / 5 / 10 Meters

Remember, safety first
EchoSafe XP88 XP Ultrasonic Level Transmitter



Rugged casing with display for harsh outside applications
Range: 0-10 Meters



ACCURATE

MEASUREMENT

www accurates co nz

Heavy industry 0901 PHONE 0800 50 55 66 or +64 9 579 0141 FAX +64 9 579 1888 EMAIL sales@accurate.co.nz



Hycontrol Radar and Ultrasonics Transmitters

HYCONTROL ARE USED for every application, 26 GHz radar version, ATEX, HART Admittance switches: coating resistant, Vibrating switches, for liquids and solids.



Radar Level Measurement



TDR Level Measurement



Vibrating Probe Level Switches



Admittance Level Switches

Inductive Conductivity System



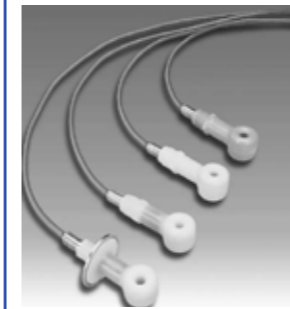
ACCURATE

MEASUREMENT

Complete Inductive Conductivity System: featuring E53 controller and choice of general purpose and sanitary sensors.

- **Model E53 Electrodeless Conductivity Analyzer** is a compact, full-featured easy-to-use analyzer offering benefits usually found only in larger, more expensive analyzers.

- The Model E53 can be configured to measure conductivity and % concentration. The Model E53 can measure conductivity up to 2 Siemens/cm. and has eleven built-in pre-programmed concentration curves. Inductive Electrodeless Sensor is a Sanitary style sensor made of PFA Teflon.



Micro 01

STANDARD FEATURES:

- Fast and Easy Calibration.
- Low Volume Sample Chamber.
- Low Maintenance Fail Safe Design.
- Bubble Rejection System.



MICRO TPW

Portable Turbidimeter

- Rugged Self Contained Carrying Case
- Waterproof
- Auto Ranging 0-1, 100 NTU
- Simple Calibration Procedures
- Economical Cost
- Over 5000 Tests on a single set of 4 - AAA alkaline batteries
- Tungsten Lamp Life 7 - 10 years



Optech

LASER LEVEL MONITORS

- Rapid measurements, up to 15 readings per second.
- Accurate, with absolute accuracies of

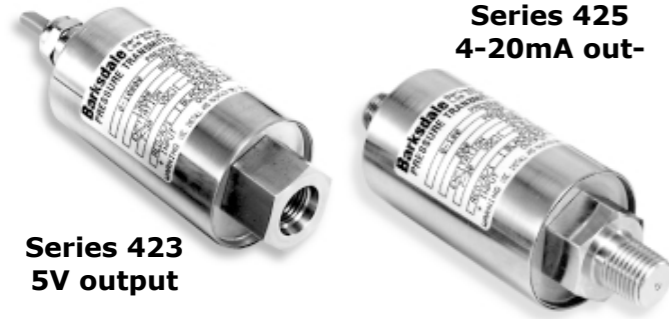
2-4 cm depending on the model.

- Non-contact, non-intrusive measurements.
- Measure through moderate amounts of dust, by using advanced software.
- Narrow beam divergence for long-range tracking of small targets, accurate unit location/alignment, and to aim past obstacles.



Barksdale PRESSURE SWITCHES AND PRESSURE TRANSDUCERS

Barksdale Transducers - easy to install, high accuracy, compact, rugged and reliable. Their proven sensor technology provides an unbeatable combination: accuracy, shock and vibration resistance, noise protection, and long term stability. With Barksdale transducers, you can count on long life and trouble-free operation — all at an attractive price.



Thermo Ramsey Series 17 Belt Scale System

ELECTRON CORPORATION

This belt scale system is specifically designed for plant and process operations that run at high rates of speed or require high accuracy.



Its unitized multi-idler weighbridge permits more scale-borne time, which minimizes alignment errors, allowing this model to be offered as a highly accurate $\pm 0.25\%$ scale system. The Ramsey Series 17 Belt Scale System is available in a two or four-idler version.

Ramsey Micro-Tech 2000 Series of Electronic Integrators



This series of electronic integrators signifies a new approach to scale instrumentation, giving the user more flexibility and vastly increased upgrade capabilities. These instruments are suitable for applications utilizing: belt conveyor scales, weighbelt feeders, loss-in-weight feeders, impact flow meters and other dynamic weighing systems.



Rugged and reliable the Series V4 Flotect® flow switch

operates automatically to protect equipment and pipeline systems against damage from reduction or loss of flow. The V4 is time tested being installed in thousands of pipelines and processing plants around the world. A unique magnetically actuated switching design gives superior performance. There are no bellows, springs, or seals to fail. Instead, a free-swinging vane attracts a magnet within the solid metal switch body, actuating a snap switch by means of a simple lever arm.



Rugged and reliable the Series L4 Flotect® Float Switch

operates automatically to indicate tank level. Perfect for starting or stopping pumps, opening or closing valves, or actuating level alarm signals. A unique magnetically actuated switching design gives superior performance. There are no bellows, springs, or seals to fail. Instead, the free-swinging float attracts a magnet within the solid metal switch body, actuating a snap switch by means of a simple lever arm. Float arm hinge design limits the arm angle to prevent vertical hang up.



FilterSense

ADVANCED SOLUTIONS FOR PROCESS FILTRATION

Stack emission and broken bag monitors
Filter Sense probes work with their renowned and field-proven charge induction and ultra low current measurement technologies.

Dust/Leak Monitors: Continuous Dust Gauge and Filter Leak Gauge

- Continuously monitor and maintain filter efficiency
- Comply with EPA regulations
- Simple absolute output or correlate to mg/m³ or grace
- Performs in tough applications
- Prevent the escape of valuable or hazardous powders

Far more reliable than triboelectric and opacity sensors



PM100 multi-input unit for up to 32 sensors

Rheonik Mass Flow Meters are now part of GE Sensing



Different name ... Same quality, same service

Patented OMEGA Torsion Swinger technology means:
Less susceptible to gas in the process liquid.
Less strain on measurement tubes due to torsion.
Swinger design: Longer life span of meter.
Pressures over 890 bar.
Long lifespan.



- Measurement of liquids and gases
- Flow rates from 0.001 kg/min to 25000 kg/min
- Temperature from -200°C ~ 400°C
- Available in EEx ia IIC - EEx de IIC (ATEX and CSA)
- Fiscal approval (OIML R117)
- HART compatible transmitters
- Accuracy better than 0.1%
- Repeatability better than 0.05%



LARGE DISPLAY CONTROLS

The Large Display (LD) is Texmate's featured no-fuss controller, designed to balance sophisticated control with a deliberately uncomplicated interface and setup procedure. Each LD can be used either by itself or as a PLC interface, and comes with a large display that's easy to read - even at a distance. Accuracy is ensured with high resolution analog input and output modules. There are seven models in the LD range:



AC Current



AC



AC

Frequency



RPM



Process



RTD



Thermocouple



Heavy-Industrial Thermal Mass Flow Meter

Model 640S Steel-Mass® inserts easily into ducts and pipes up to 36-inches in size to accurately monitor total gas mass flow rate. Larger probe lengths are available upon request. Typical applications are for general industrial process control include compressed air flow, aeration basin air flow, combustion air flow, natural gas fuel flow, custody transfer and stack gas emissions flow monitoring.



Sierra Instruments' Innova-Mass® multi-Parameter Vortex Mass Flow Meter

provides a reading of five process parameters from a single entry point in the pipeline. The meter measures the fluid's velocity, temperature, and pressure and calculates mass flow rate, volumetric flow rate and density. Sensing all process parameters at a single location.



Positive Displacement or Vortex Flowmeters

- Batching applications
- Viscous products
- Hygienic applications
- For oils and other non-conductive liquids
- Highly repeatable results

