



**FLEXIM**

**Flexim**  
For Sticky Refracs



**Transmission refractometer:**

- Unique Technology from Zeiss, Germany, 10x better resolution than critical angle refractometer.
- Coating resistant – no drift through sticky products, for liquids of turbidities up to 16,000 NTU, turbidity measurement possible with liquids of higher turbidities.
- Easy installation into all types of pipes. Fittings for food industry or chemical industry.

**VAISALA** Vaisala HUMICAP® Humidity and Temperature Transmitter

**HMT 330 series** with six models for demanding applications in various industrial aspects. Large choice of probes for high temperature and pressure.



**Vaisala HUMICAP®**  
Humidity and Temperature Transmitters

HMT 330

HMD/W60/70



**ACCURATE**  
MEASUREMENT

**Inductive Conductivity System**

**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.



**DYNA M-flow**  
Flow meter for bulk solids

- For pneumatic conveyors and freefalling Processes.
- IN-LINE measuring without weighing.
- Easy installation and start up.
- Contact less and integral measuring.
- Inside flush fitting.
- Adjustable sensitivity.
- Long-term stable.
- Robust, compact, abrasion-free.
- Limit alarm monitoring with alarm contact.



**GDS Technologies Ltd.**

**GDS Gas Detection.**



COMBI



- 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.



**ACCURATE**  
MEASUREMENT

[www.accurate.co.nz](http://www.accurate.co.nz)

FnB 0909

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**The 3310 Series**



**High End on-line analytical measurements**



- Vast range of on-line and handheld analytical instruments
- From one-input analogue systems to multiparameter measurement networks
- pH, Dissolved oxygen, turbidity suspended solids measuring system
- Fail-save transfer of signals
- Calibration data can be stored in the sensor
- Standardized plug connection directly at the sensor



**Hand Held Meters**

**ProfiLine Handhelds 3110 – 3210 – 3310**  
**The new ProfiLine handheld instruments**

Rugged, waterproof, convenient and much more

**WTW handheld pH meters** are optimized for on-site use and field use, but can also be used in the laboratory. In particular the pH 340i, with its optional line power supply and serial interface, is suitable for applications in which precise measurements are required



**WTW Handheld Conductivity Meter :**

Robust, shockproof, waterproof Up to 1500 hours of continuous operation 4-electrode principle allows a wide range of applications Useable anywhere, WTW handheld instruments are robust, easy to operate and provide assured accurate readings





### Wedgewood Analytical Model TF10 Low Turbidity Sensor



- Accurately measures low level particulates.
- Low voltage incandescent lamp provides long dependable life.
- **Ultra-hygienic**, CIP and SIP resilient flow cell design.
- Air purge ports available for preventing condensate build up on optical windows.
- FM and ATEX approved explosion proof lamps for hazardous area applications

### 670 DIN cassette analog Turbidity monitor



- Measures and displays turbidity up to 200ppm or 200 FTU.
- One 4-20mA and one 0-10Vdc analog output.
- Volt free alarm output contact is suitable for direct connection to a PLC or inclusion in a control scheme.
- Lamp fail indication and relay output. Type 4 DIN plug in unit 3U x 14HP x 160mm deep (2.8" W x 5.1" H x 6.7" D) conserves space.



### ULTRA SONIC "CLAMP ON" FLOWMETER

Solve your flow problems!

- 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.



### Positive Displacement or Vortex Flowmeters

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



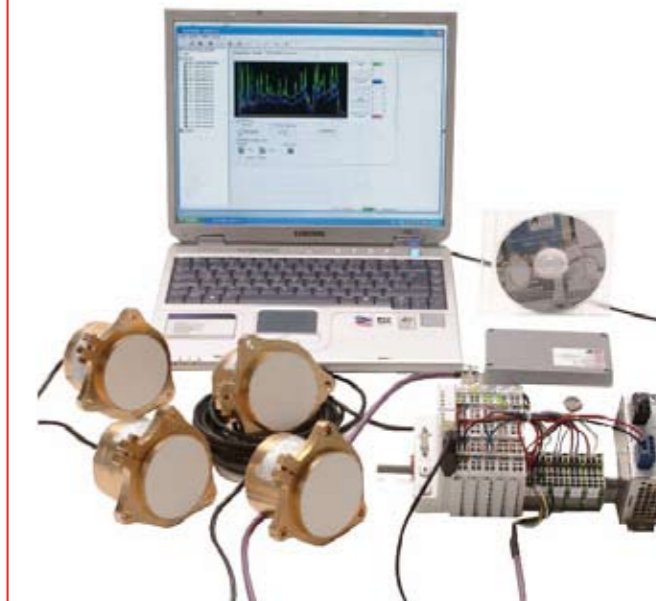
### Suspended Solids measurement in wastewater, trade waste or the food Industry.

- Freely calibrate to your process liquid.
- Measure to 25% product concentration.
  - 4-20mA = calibrated concentration.
  - IP68 sensor for submersion Installation.
  - LED IR Sensor
  - Temperature and Ambient Light Compensated.
  - Thermal shock proof to 110c.
  - Rated at 85 C continuous.



### On-line Moisture Measuring Sensor

- Features:
- ▶ Measuring of the moisture in all kind of material (depth adjustable up to 2 inches (60mm))
  - ▶ Rapid measuring time
  - ▶ Easy operation
  - ▶ Signal output of the moisture 0/4 - 20mA or 0/2 - 10VDC analogue
  - ▶ Free scale adjustable for moisture range
  - ▶ Applicable for almost all applications



### Sanitary Pressure Transmitters

Klay instruments offers a wide range of "All Stainless" Pressure Transmitter. All Transmitters are fully temperature compensated and can be calibrated very easily by 3 push button on the local display, without the test pressure. The transmitters are available with 4-20mA, HART Protocol or Profibus PA output.

- Ideal Applications:  
Pressure applications on
- Steam
  - Clean fluids
  - Gases



### +GF+ GF Signet

- Great Quality
- Great Value
- on-line pH systems from < \$2000 (plus GST)



Trade Waste pH Systems for every budget:  
Stocked replacement electrodes



### Hycontrol Radar and Ultrasonics Transmitters

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



### Orbisphere510 Multi channel analyser

- O2, O3, N2, H2 process gas analyser:**
- Up to 3 sensors using electrochemical or thermal conductivity technologies.
  - High level accuracy, rapid response time.
  - Thermal cut-off offers a longer life span.



- NEW! ORBISPHERE A1100 oxygen sensor**  
This sensor is designed for process monitoring as well as laboratory analysis in the liquid or gas phases
- Unique design allows for extended period between recharges.
  - Unrivalled accuracy and response time for fast detection of process change.