

Dear Dirk Kuiper

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London Electronics Limited
Designers + Manufacturers of Process Instruments
Digital Panel Meters, Controllers and Displays

The **FUSION** is a highly precise, stable, flexible and easy to use large digit process display, and our top large digit seller, for both display-only and display + output applications.

You can choose from digit sizes of 57mm, 102mm, 150mm, 200mm, 300mm and 400mm do suit the viewing distance in your application. We have a digit size selector which may help you to choose the best digit size for your application.

It has a number of useful plug-in options which make it ideal in many control and monitoring applications.

It also has a 10 point linearising function, which lets you correct for non-linearities in the sensor, or for curved-sided containers.

The front panel buttons can be locked or can be operated by remotely wiring 4 pushbuttons to the display.



4 Digit Display



8 Digit Display

If you need to be able to read the display in a reflection, for example in a heads-up display system, you can switch it to display a mirrored image.



The **KD7 Recorder** is a **21 CFR Part 11 certified** highly versatile and cost effect digital paperless chart recorder and data logger. It allows you to record analogue and digital channels, import Modbus data from other devices and present the measurements as a chart, bargraph, analogue meter or numeric field.

Includes advanced data encryption to ensure the data is valid and has not been tampered with.

azbil

AT9000 Advanced Transmitter is a microprocessor-based smart transmitter that features high performance and excellent stability. Capable of measuring gas, liquid, vapor, and liquid levels, it transmits 4 to 20 mA DC analog and digital signals according to the measured differential pressure. It can also execute two-way communications between the CommPad (Handy Communicator) or HART® 375 communicator, thus facilitating self-diagnosis, rang resetting, and automatic zero adjustment.

FEATURES

1. High performance and stability

- Unique characterization and composite semiconductor sensors realize high accuracy up to 0.04%F.S.
- Fast response within 100 msec.
- Our proven sensor technology enables Long-term stability up to 0.1% of URL per 10-year.

2. Wide measuring range (range ability)

- A wide measuring range is available from a single model. This feature is highly effective in taking measurement over a wide range and reducing the need for inventory.
- Model GTX30D/31D/32D: 0.5 to 100 kPa (range ability: 200 to 1)

3. A diverse lineup

- A wide range of models is available to meet user requirements. They include draft range differential pressure, standard differential pressure, high differential pressure, standard differential pressure/high static pressure, and high differential pressure/high static pressure models
- A wide variety of corrosion-resistant materials for wetted parts are also available.



VorTek Instruments manufactures precision multivariable flowmeters such as **Turbine Flow-Meters & Vortex Flow-Meters** for the measurement of liquid, gas, and steam in commercial, industrial and municipal applications for the water and waste water, chemical & petrochemical, oil & gas, power, pharmaceutical, paper and food & beverage industries.

Our innovative products continue to set the benchmark for the industry and meet your need for better performance, flexibility and control. We are committed to combining customer feedback, innovation, and cutting edge technology into the development of our products.



AMS News

March and April have been very good months for AMS with a good base business result and some major projects for Beamex, Michell, FCI and McCrometer.

Several customer presentations are taking place at the moment with Jens Varghese from optek visiting Australia. Jens will be visiting all our offices each for several days.

Our Sydney office will be moving into to larger offices in the near future in Lane Cove to a more convenient location. An exact date has not been decided as yet, but notices will be sent out as soon as the dates are confirmed.

ACIconnect was supposed to run in April, however this has been delayed till August. AMS as a Gold Sponsor will be exhibiting their full range of equipment and a presentation by Jens Varghese of optek will surely attract a good audience.

TRIMEC

FLOW PRODUCTS PTY LTD

PRINCIPLE OF OPERATION OF TRIMEC-FP ROTARY MULTIPULSE FLOWMETERS

Liquid enters into a precision machined chamber which contains an oscillating piston. The position of the piston divides the chamber into Compartments containing an exact volume. The liquid pressure causes the piston to oscillate and rotate its centre hub. The movements of the hub are sensed through the meter wall by a series of magnets. Each revolution of the piston hub is equivalent to a fixed volume of liquid, which is indicated as flow by an indicator or totaliser. Close clearances between the piston and the chamber ensure minimum slippage of the liquid for highly accurate and repeatable measurement of each volume cycle.

