

Extended linearity flow meters out

Extended Linearity (EL) 2200 Series electromagnetic flow meters are newly announced.

The process and water cycle-applicable 1 to 16-in. models create an electromagnetic field profile. This ensures accuracy in turbulent flow and during transitional and laminar flow regimes, declares their manufacturer.

EL flow meters provide extended linearity and wide measurement range up to 1000:1 without linearization software. They have bidirectional flow capability with no moving parts and no pressure drop. Full EL details are free.



Flow Technology Incorporated

4250 East Broadway Road, Phoenix AZ 85040

New semi-rugged, wireless-ready desktop replacement notebooks

Panasonic Toughbook 52 is newly available as a semi-rugged, wireless-ready desktop replacement notebook.

Built on the new Santa Rosa chipset from Intel, "it offers all the processing power of a desktop replacement notebook in a form factor engineered from the ground up for mobility," according to the manufacturer.

The new wide-screen semi-rugged Toughbook comes with additional security features, new carrying handle, plus optional embedded access to next-generation wireless data networks from major wireless carriers.

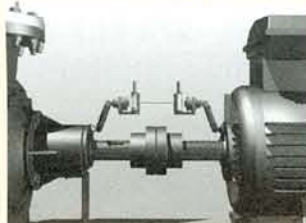
MIL-SPEC-certified Toughbook 52 incorporates durable design including magnesium alloy cases, flexible internal connectors and shock-mounted hard drives and LCDs.

Panasonic Computer Solutions Company

50 Meadowlands Parkway, 2F-5, Secaucus NJ 07094

Alignment upgrade for dynamic movements

Now you can upgrade Fixturlaser XA wireless shaft alignment systems for dynamic movements measurement. This includes thermal growth and process forces via Fixturlaser OL2RXA (off-line-to-running).



Patented OL2RXA suits the shaft alignment procedure without involving additional evaluation software. It contains all fixtures as well as all software

The fixtures of the laser units are both equipped with a point laser so you do not need to use the alignment system in order to mount the fixtures. The included software is based on characteristic user interface from this manufacturer's shaft alignment programs. It includes 3D flash animation to guide you — step by step — through measurement. Complete OL2RXA details are yours free.

Fixturlaser AB

Box 7, SE-431 21, Mölndal Sweden

Polycarbonate, polysulfone flow meters out

With dual gallons and litres-per-minute scales, new HFPC and HFPS flow meters are introduced in polycarbonate and polysulfone.

Delivering $\pm 5\%$ full scale accuracy, the models come with 1/2, 3/4, or 1-in. male or female NPT connections. Female 1/2, 3/4, and 1-in. BSPP connections are also available.



Rugged HFPC and HFPS construction enables handling of up to 325 psig (22.4 bar) and 200°F. (121°C.). These flow meters, compared to typical variable area designs, mount in any position — even applications with downward flow.

Dwyer Instruments Incorporated

Box 373, Michigan City IN 46361

Magnetic low-flow meters offered

FMG201 magnetic flow meters measure pulsating flows from both air and solenoid-driven metering pumps.

They are designed for use with electrically conductive chemicals and fluids of varying viscosities. Besides measuring and displaying flow rate and total flow, FMG 201 has a variety of outputs, plus relay alarm outputs, and a continuous analog flow signal. Each magnetic flow meter comes with complete operator's manual, mounting bracket, and power cord. Complete FMG201 specifics are yours free.



OMEGA Engineering Incorporated

One Omega Drive, Stamford CT 06907

Portable, rugged multi-gas area monitors

BM25 Multiguard transportable multi-gas area monitors are designed for team protection or area surveillance: perimeter monitoring, rig overhauls, and mobile or short-term work in areas where fixed detection systems are not suitable.

BM25 Multiguards simultaneously monitor one to five gases through diffusion or sample draw. They are engineered to "pack the benefits of a fixed-system area monitor into an easily transportable, yet rugged instrument," announces its manufacturer. These monitors offer 17 interchangeable "smart" sensor options for applications and industries adaptability.

When BM25 detects a hazardous oxygen, toxic, or combustible gas level — its top-mounted beacon sends a flashing, bright signal in all directions and emits a 103-dB siren alarm.

You can employ BM25 as a stand-alone monitor or wired so alarm signals transfer from one unit to another. This setup creates a safety perimeter around a detected atmospheric hazard, or transmits a manually initiated emergency signal over a wide area. NiMH battery pack offers 100 hr continuous run time.

Industrial Scientific Corporation

1001 Oakdale Road, Oakdale PA 15071-1500

Anaerobic thread sealants deliver impenetrable seal

FasSeal-ATS Anaerobic Thread Sealant provides a tough, vibrationproof seal — at up to 10,000 psi at application and then to pipe bursting strength after cure.

With PTFE, the UL-classified high-temperature (-65° to +375°F.), quick-dry formula resists shrinkage during drying. It also protects against seizing and galling.

FasSeal-ATS offers fast, easy disassembly of parts when necessary on such uses as natural gas, steam, or fuel lines. The thread sealant is safe on inactive metals and conventional materials. It resists petroleum, butane, propane, natural gas, water, steam, refrigerants, chlorine, caustic sodas, acids, oils, and gasoline.

Gasol Chemicals Division, Federal Process Corporation

4620 Richmond Road, Cleveland OH 44128

Heavy-duty air winches withstand severe weather

Big Red TA air winches are introduced to withstand severe weather in rig set up, pipe pulling, and materials moving: from sand storms to saltwater.

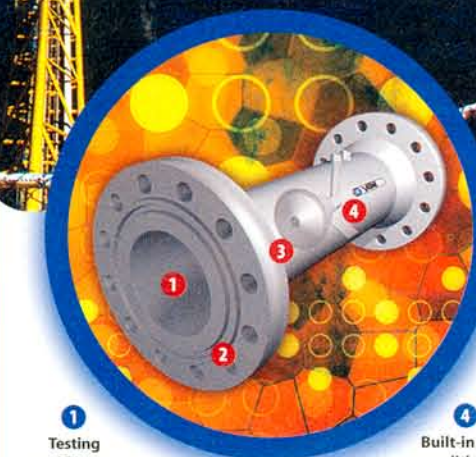


Welded steel frame and drum design plus extra-wide band brake in both hand and auto models add durability. Radial piston air motor with cast housing offers longevity plus powerful needed torque for heavy equipment lifting.

Thern Incorporated

5712 Industrial Park Boulevard, Winona MN 55987

Wet Gas Flow Meter Fits Tight Installations



1 Testing to API 22.2 confirms V-Cone performance

2 Space Saver: Needs only 0-3 diameters upstream, 0-1 downstream

3 Rugged no-moving parts technology requires virtually no maintenance

4 Built-in flow conditioning for high accuracy up to $\pm 0.5\%$ of flow rate

Wet Gas, Condensate and Dirty or Abrasive Flows



The compact Wafer-Cone DP Flow Meter is ideal in coal bed methane gas, chemical refining and other 1 to 6 inch small line processes.

McCrometer's V-Cone® Flow Meter is the space-saving wet gas solution for FPSO Vessels, Sub-Sea Production, Offshore Platforms and more. The V-Cone's advanced design cuts pipe straight-run requirements by up to 70% (compared to Orifice Plates and Venturis). It precisely measures gases, steam or

liquids and it resists liquid build-up and hydrate formation. It's the right fit in tight spots for performance, reliability and value.

WEB mccrometer.com



Free Oil & Gas Flow Meter Guide on CD

Call McCrometer or visit us on the web for your copy.

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