

## New Products

Hastelloy C, Incoloy, titanium, PP, and PVDF. API versions are also available, and many of the pumps and spare parts are directly interchangeable with Caster pumps at competitive prices, says the firm. — *Pump Engineering Ltd., Littlehampton, U.K.*

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### A multimeter for safe and Ex zones

The new version of the MX 57Ex multimeter (photo) can now be used both inside and outside of potentially explosive areas. The unit's leak-proof casing with IP 67 protection contains a high-performance 50,000-count TRMS digital multimeter. Its patented Securix connection system prevents leads from being accidentally torn out. The ATEX-certified instrument is designed for use in dangerous or explosive environments (due to gas or dust) in compliance with the EN 50014, 50020 and 50281-1-1 standards. — *Chauvin-Arnoux Group, Paris, France*

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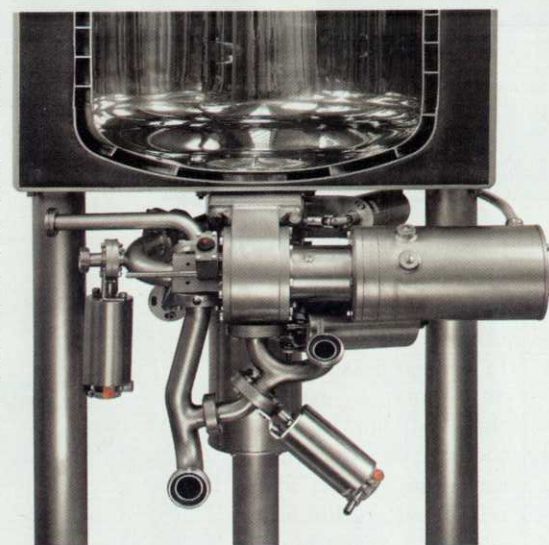
### Select the scale with the resolution required

The new Signum compact industrial scale series (photo) has a choice of three powerful technologies, each with a different level of performance: the standard weighing system, Signum Regular models, enable standard resolutions of up to 35,000d; Signum Advanced models feature a mechatronic weighing system with resolutions of up to 65,000d; and Signum Supreme models are equipped with a monolithic weigh cell for resolutions of up to 350,000d. All three versions can be verified at the factory on request. In addition to the three resolutions offered, a wide range of options is available, including a large selection of interfaces. — *Sartorius AG, Göttingen, Germany*

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### Adjust the shear rate you need with this homogenizer

By separating the pumping and shearing processes from each other,



EKATO Systems

the V-jet (versatile jet) rotor-stator homogenizer (photo) offers "substantial" benefits in the production of emulsions and suspensions, says the manufacturer. During homogenization, a centrifugal pump mounted under the vessel generates the required upstream pressure and flow-rate to feed the homogenizer. The energy density in the shearing zone can be adjusted at will because the homogenizer has its own variable-speed drive; circumferential speeds of 50 m/s are achieved. — *EKATO Systems GmbH, Schopfheim, Germany*

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### This transmitter can use gas when air isn't available

The EPX2E/P transmitter (photo) is designed for use with normal instrument air, but it can also be used with natural gas. This feature makes it possible to use the transmitter in remote



Chauvin-Arnoux Group



Moore Industries-International

locations where no electrical power is available to drive air compressors. The unit's extremely low-power requirement of 3 mA at 12 V d.c. allows it to be powered by a battery or solar panel at remote sites. Applications include offshore oil platforms, natural-gas wellheads, oil wells, pipelines and similar locations. The three-wire EPX2 voltage-to-pressure transmitter accepts a voltage input signal from a DCS PLC or PC-based control system and converts it to a pneumatic signal for the control of valves, actuators and other pneumatically controlled devices. — *Moore Industries-International, Inc., North Hills, Calif.*

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### Inline particle measurement for liquids, too

The recent addition of the Insitec LPS to this firm's product portfolio emphasizes the growing importance