

tem operations and also an optional S270-SRH hauler station control system that collects transaction data, authenticates haulers, tracks loads and supplies a receipt via a card swipe system. The units are housed in a stainless steel tank enclosure with a quick-disconnect inlet flange for fast connection to septage trucks. **800-932-0599;**
www.franklinmiller.com



FCI - Fluid Components International ST80 Series thermal flowmeter

The ST80 Series thermal flowmeter from FCI - Fluid Components International has been expanded to provide a new Profibus-DP solution along with its existing Profibus-PA capability. The added Profibus-DP protocol expands communication options between a plantwide Profibus communications system for air and gas flow metering measurement and control. The meter provides air/gas flow rate, totalized flow, temperature and instrument health diagnostics over the Profibus digital bus. It is suitable for pipe diameters from 1 to 99 inches and air/gas temperatures up to 850 degrees F. The transmitter enclosure is NEMA 4X/IP67 rated, selectable for NPT or metric conduit port threading, and available in both aluminum and stainless steel. **800-854-1993;**
www.fluidcomponents.com



Grundfos WellConnect app

The WellConnect app from Grundfos efficiently manages a pump or well business by completing daily water system management tasks on one digital platform, including drilling logs, completion and downhole data, pump history, and maintenance history. The app integrates into one digital platform with five sections: clients, projects, wells map, calculators and pump resources. The WellConnect

app is available on Apple iOS, Google Play and PC on the Grundfos website. **630-236-5500; us.grundfos.com**



CAS DataLoggers ADS-261 wireless bridge sensor end node

CAS DataLoggers' new AERINOS ADS-261 wireless sensor end node from Infinite Informatics is designed to transmit data via the Sigfox Internet of Things network and is targeted at remote monitoring applications. It offers one analog input and one digital/counter input. The analog input is designed for bridge-type sensors and offers a high-gain instrumentation amplifier for low-level voltage signals, plus a selectable 5- or 10-volt excitation source. The digital input can be used as either on/off state input to record events, such as contact opening or closing, or as a digital counter input to capture pulses from a device like a flowmeter. **800-956-4437;**
www.dataloggerinc.com



Prosonic Flow G 300/500 ultrasonic flowmeter

The Proline Prosonic Flow G 300/500 flowmeter from Endress+Hauser can be supplied with either of two different transmitters: as a compact version, Proline 300, or as a remote version, Proline 500, with up to four inputs and outputs. These inputs and outputs provide flexibility with the ability to output not only flow, but also pressure, temperature and numerous other process variables. The flowmeter is ideal for demanding applications, measuring both dry and wet gases with high precision, plus or minus 0.5%, even when process and ambient conditions fluctuate significantly. The meter operates at process temperatures up to 302 degrees F and pressures up to 1,450 psi and can be ordered with built-in pressure and temperature sensors. **888-363-7377;**
www.us.endress.com tpo

product spotlight

wastewater

Scrubbing the odor away

By Craig Mandli

In modern wastewater treatment, odor control is no longer an afterthought. Those living in close proximity won't tolerate nuisance odors, which means that wastewater professionals need to address odor as a primary concern in the design and operation of collection and treatment facilities.

Simple Solutions Distributing is branching out with the release of its first recirculating molecular **air scrubber**, the **RMS-800**. This two-stage filter is self-contained and requires no external ventilation. It is suitable for a large array of odor control needs, including wastewater applications like sludge press rooms and screen rooms, but it can also be utilized to remove any odor associated with a volatile organic compound in any enclosed room, which means it can be used in places like kennels, rendering plants, morgues, evidence rooms, hospitals, cannabis grow and processing rooms — nearly anywhere where there's an odor problem associated with VOCs in an enclosed environment.

"We've had many calls over the years for a self-contained unit, something you could move easily from one location to another and yet still be able to move the volume of air needed," says Andrew McGibbon, Simple Solutions Distributing president. "The other benefit is that the customer doesn't have to cut through a wall to install venting."

The odor solution offers a combination of a high airflow of 800 cfm and volume of carbon (7.5 CF). This increases the life of the carbon and results in a high contact time of 0.56 seconds. The scrubber uses a pressure blower instead of a centrifugal fan, making it more durable to backpressure. The unit can provide two air exchanges per hour when used in a 50- by 50- by 10-foot room.

"Our focus has always been on residential and municipal wastewater and landfill odor control caused by hydrogen sulfide gas emissions from things like lift station odor, septic tank odor and landfill odor," McGibbon says. "Our standard units typically have a lower range in flow rates, but we've always offered larger scrubber systems as a special order."

The RMS-800 comes with a MERV 7 prefilter for removal of mold spores, dust and other contaminants; voltage in one phase or three phase; a Magnehelic pressure gauge; a NEMA magnetic motor starter; four lift points for mounting to a winch to hold above the workplace; a built-in skid with forklift tong slots for easy maneuvering; and 250 pounds of GC-4 activated carbon. **973-846-7817;**
www.industrialodorcontrol.com

