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**PRODUCT RELEASE**

## **DOPPLER ULTRASONIC FLOW METER RECEIVES CE CERTIFICATION**

A technological leader in the development and production of ultrasonic flow meters for the past 30 years, Dynasonics, a division of Racine Federated Inc., has developed a generation of Doppler ultrasonic flow meters with CE Certification that will expand its purpose into the European market. The CE Certification proves installation and operation on the new DFX is safe and simple.

Contrasting to antiquated Doppler ultrasonic meters, the DFX contains a digital mixer circuit that is highly immune to measurement errors caused by electrical noise and other ultrasonic products ensuring stable and reliable measurements. Intelligent software algorithms operating within the Series DFX Flow Meter, ensures reliable readings by making automatic adjustments to nullify changing liquid conditions. The result is a product that can be taken out of the shipping box and accurately measure flow in minutes without special tools, training or specialized computer software.

The Series DFX is built on the framework of the highly successful Dynasonics Series TFX transit time ultrasonic flow meter. Features common to the TFX and DFX system include: NEMA 4X [IP66] enclosure, field replaceable isolated output modules, large character backlit LCD, auto-ranging rate display and impedance matched ultrasonic transducer connections. The clamp-on pipe transducer is rated to NEMA 6P [IP68], temperatures up to 400 °F [200 °C] and can be located up to 1,000 feet from the DFX

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display enclosure. An insertion probe transducer is available for installation on pipe systems that do not permit ultrasound penetration. The DFX system can measure flow on pipe sizes larger than 1/4 inch [6 mm] and flow rates from 0.15 to greater than 30 FPS [0.05 to 9+ MPS].

DFX is a cost effective, non-intrusive solution to measuring flow in full pipes carrying liquids with useful sonic reflectors (particles greater than 35 micron) such as sludges, slurries, emulsions, dispersions and pulps. These categories encompass a wide variety of industrial, chemical, wastewater and food processing applications.

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