

## Archive News Story

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### **Ultrasonic Flowmeter for Reliable and Economic Networking**

**April 28, 2008** - Non-intrusive wall-mount flowmeter model STUF-300F1B provides isolated RS485 interface with MODBUS support for reliable flowmeter networking. It is able to offer accuracy as high as 1% over a wide flow range at a low cost. The matched transducer pair can be easily clamped on most commonly used pipes, such as plastic pipe (PVC, HDPE, etc.), steel pipe, copper pipe, etc. This flowmeter has IP65 weather-proof enclosure with LCD/Keypad. It consumes about 1 Watt only.

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Release date: April 25, 2008

### **Non-Intrusive Ultrasonic Flowmeter Offers Reliable Networking Capability and Low Power Consumption at a high Cost-Performance Ratio to Date**

Non-intrusive ultrasonic flowmeter designed for cost-effective accurate flow measurement. With its isolated MODBUS-compatible RS485 interface, the flowmeter is well suited for large flow monitoring applications where both cost and performance are crucial.

The STUF-300F1B incorporates the latest digital signal processing, automatic signal quality tracking, ultrasonic transit-time measurement technologies, making the product capable of offering 1% accuracy in most applications, and even 0.5% accuracy in some applications where in-situ calibration is available.

The clamp-on transducers can be easily mounted on the outside of a pipe which size could be from 1" up to 240" and material be any sonic-conductive materials such as plastics (PVC, HDPE, PTFE, etc.), carbon steel, carbon iron, copper, etc.

Due to the utilization of high efficiency ultrasonic transmission and the latest low-power-consumption electronic technologies, the STUF-300F1B flowmeter consumes about 1 Watt in normal operation mode. This allows it to be used in solar-powered applications.

An optional GSM/GPRS module can also be added to the STUF-300F1B to further facilitate remote flow monitoring.

The flowmeter comes with IP65 weather-proof enclosure with and LCD and tactile-feedback keypad. The product is in mass production and is ready to order.

Shenitech LLC is specialized in ultrasonic flow measurement. It provides a wide variety of ultrasonic flowmeter products. For complete information please contact Shenitech LLC, 100-H Tower Office Park, Woburn, MA 01801, Toll-free Phone (888) 738-0188, Fax: (978)-418-9170

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