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## New Sanitary Temperature Sensor Launched at Sensors Expo

A new, novel-design sensor for temperature measurement in sanitary applications will be launched at the Sensors Expo & Conference (Detroit, MI, June 8-10, 2004).

The sensor (Weed Instrument Model #3142B) is especially beneficial where wipers or mixers can interfere with an inserted probe or thermowell. The sensor, attached inside a welding spud via a CIP sanitary clamp, is easily removed without need to disturb the mounting hardware. Cleaning, replacing, and calibrating operations are thus greatly simplified. Featuring Teflon isolation, the sensor measures the temperature of product inside the tank instead of the vessel wall surface, mounting flush with the tank interior to track temperature changes. This set-up eliminates damage to traditional insertion-type probes.

The 3142B allows easy access from the tank exterior, further simplifying installation and

cleaning. The sensor can be replaced or retrofitted on an existing tank without the need for an operator to enter the tank.



The new sensor measures process temperatures up to 500°F (260°C); the Teflon isolation protects the sensor from heat and false tank surface readings. The sensor is available in multiple sizes and finishes. A signal conditioner with connection head is optional.

For over 35 years, Weed Instrument Company has been providing the industrial market with a broad selection of catalog products as well as specialty configurations for everyday dependability and critical temperature situations.

For more information about the Model 3142B, contact Joe Cheatham, Weed Instrument, 707 Jeffrey Way, Round Rock, Texas 78664. Phone 512.434.2900; Fax 512/434-2901 or visit Weed Instrument at Booth #133 at the Sensors Expo & Conference.

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