

FLUOROPROBE® News

ASTM affirms luminescent dissolved oxygen (Fluoroprobe®) method as Standard for water analysis

Waynesville, NC August 15, 2005— Environmental Instruments, LLC, makers of the world's first commercial luminescent dissolved oxygen probe, has learned that the ASTM International standards development organization has recently affirmed luminescent dissolved oxygen (**Fluoroprobe®**) methodology as one of three ASTM standard methods for measuring dissolved oxygen in water. After thorough evaluation, the ASTM D19 Committee for water has incorporated the results of a USEPA inter-laboratory validation study into ASTM Standard D888, Standard Test Method for Dissolved Oxygen in water. The revised standard – now listing the luminescent dissolved oxygen (**Fluoroprobe®**) method (Method C) along with traditional Winkler titration (Method A) and electrochemical (membrane) method (Method B) – will be published under Standard D888-05 in the Annual Book of ASTM Standards, Volumes 11.01 and 11.02.

Known originally as the American Society for Testing and Materials (ASTM), ASTM International has the long standing trust of end users in industry, municipalities, and the USEPA for the development of technical standards and practices for materials, products, systems, and services. The organization's consensus body is representative of manufacturers, users, consumers, government, and academia from more than 100 countries. Incorporation into the ASTM Standard D888 affirms, through technical consensus, the performance of the luminescent dissolved oxygen (**Fluoroprobe®**) method for measuring dissolved oxygen concentration in water.

The *Patented* **Fluoroprobe®** is the world's first (1997) commercial luminescent/optical dissolved oxygen probe. With installations throughout the world, Fluoroprobe® technology has changed the way the world measures oxygen. There are no membranes and no electrolyte and the sensor is warranted for FIVE YEARS. Repeated tests in the field and laboratory have proven the durability, accuracy, precision, and reduced maintenance that the *Patented* **Fluoroprobe®** technology offers. For additional information on luminescent dissolved oxygen (**Fluoroprobe®**) please refer to **PATENT NUMBER 5,030,420** at the U.S. Patent Office website: www.uspto.gov. Click Search under Patents, next click Patent Number Search.

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