

## Troemner achieves new precision leadership levels with recent bold moves

**New corporate headquarters:** Troemner, the nation's leading provider of precision weights, mass standards and weight calibration/certification services, welcomed the new 21st century with several bold moves—not the least of which was an actual physical move from outgrown corporate facilities in Philadelphia, PA, to an all-new 47,000 square foot state-of-the-art corporate campus in Thorofare, NJ, just 20 miles from the Philadelphia site. All of Troemner's weight calibration, certification, manufacturing and sales operations are now housed in the New Jersey headquarters. The new facility showcases three state-of-the-art metrology laboratories—labs now expanded to twice the size and capacity of the Philadelphia location.

**New accreditation achievements:** A second bold move has been Troemner's dogged pursuit of various accreditations for new types of calibration offerings. As a result, Troemner has become now the first company in the United States accredited by NIST/NVLAP for pipette calibration. The company's full-service pipette repair, calibration and certification program is designed to meet and exceed all necessary ISO and existing laboratory industry requirements.

Troemner has also recently received accreditation from NIST/NVLAP to perform density determinations of calibration weights. Such tests are typically performed on one-piece high precision weights of ASTM Class O and

OIML Class E1 and E2, which produce accurate results of the density of weights. Additionally, Troemner is currently seeking NIST/NVLAP magnetic susceptibility accreditation. Other calibration services which the company now offers include measurements of pressure, temperature and thermal mass flow.

### **New materials for manufacturing:**

In a bold manufacturing move, Troemner now uses a specially developed austenitic stainless steel, called UltraClass Weight Alloy 8, in the production of all stainless steel precision weights and mass standards. This unique material possesses closely controlled density, extremely low magnetic permeability, good stability and resistance to corrosion and handling damage. Alloy 8 meets and exceeds all stainless steel material specifications that NBS (now NIST) specified over 35 years ago when purchasing the original U.S. state laboratory mass standards.

### **New clean room weight line:**

Troemner continues to expand and enhance its product offerings. Clean room weights are now available in specially designed cases that conform to clean room requirements and are approved for use in all clean room environments including Class 1. These critically important weight cases are totally inorganic and thus free of any materials that might be potential sources of particulate generation.