

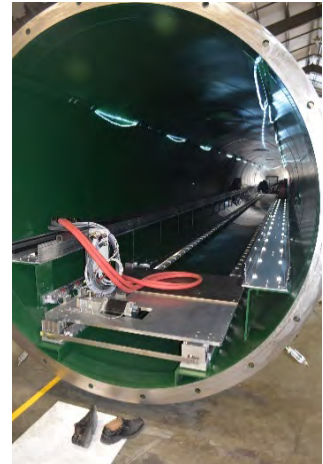


ADC Completes Small-Angle Neutron Scattering (SANS) Diffractometer

Lansing, NY, Feb 27, 2017 -- ADC has completed design, manufacturing and testing of Very Small-Angle Neutron Scattering (VSANS) Diffractometer for NIST Center for Neutron Research. This new 88 feet (27 meter) long diffractometer (VSANS) is of unique design to cover the extended q-range from $2e-4 \text{ \AA}^{-1}$ to 1.0 \AA^{-1} in a single measurement. Small-angle neutron scattering (SANS) is an experimental technique that uses elastic neutron scattering at small scattering angles to investigate the structure of various substances at a mesoscopic scale of about 1 - 100 nm.

Since being established over 20 years ago, ADC has grown significantly in upstate New York. "We are both ISO 9001:2008 and ITAR certified, as well as experienced with Just-In-Time, all of which help us eliminate waste throughout our production process to provide the best quality, delivery and cost performance that our customers expect from their suppliers." said Nate Mallison Manufacturing Manager.

About NIST: The National Institute of Standards and Technology (NIST) was founded in 1901 and now part of the U.S. Department of Commerce. NIST is one of the nation's oldest physical science laboratories. NIST measurements support the smallest of technologies to the largest and most complex of human-made creations—from nanoscale devices so tiny that tens of thousands can fit on the end of a single human hair up to earthquake-resistant skyscrapers and global communication networks. For more information on "NIST" please go to: <https://www.nist.gov/>



About the company: ADC USA www.adc9001.com, located near Cornell University in Ithaca, New York, is a leading developer and supplier of complex scientific components and instruments for large government laboratories and corporations around the world. ADC's new machining/fabrication web site www.adcmachining.com brings together information on ADC's precision fabrication and welding into a single, searchable site and provides a fast and easy method to submit drawings with information to receive quotes.

