

Collaborative Research in Engineering, Science & Technology (CREST) Orders Gallium Nitride Metal Organic Chemical Vapor Deposition System from Taiyo Nippon Sanso Corporation

Taiyo Nippon Sanso Corporation (TNSC) announced today that CREST has selected the company as the provider of a gallium nitride (GaN) metal organic chemical vapor deposition (MOCVD) system for its high brightness LED developmental work. CREST is scheduled to take delivery of the SR4000-HT system in the second quarter of 2017.

CREST has started a research and development collaboration with leading academic LED research institutes that will help the country's LED sector move up the value chain. The collaboration will be a three-way partnership involving academia, the industry (various players currently already involved in LED manufacturing) and the government (by way of CREST). The SR4000-HT will be installed at Universiti Sains Malaysia (USM) and utilized for developing the next generation of LED technology.

About Collaborative Research in Engineering, Science & Technology

CREST is the non-profit Malaysian company created by the industry, government and academia to drive the initiative to accelerate Malaysia's electrical and electronics sector.

About Universiti Sains Malaysia

Universiti Sains Malaysia (USM) is the second oldest university in Malaysia and one of the leading universities in the country. Its main thrust in the development of higher education are in the fields of Natural Sciences, Applied Sciences, Medical and Health Sciences, Pharmaceutical Sciences, Building Sciences & Technology, Social Sciences, Humanities and Education. USM is the only APEX University in Malaysia, a special status accorded by the Ministry of Higher Education. The APEX (Accelerated Programme for Excellence) agenda among others is to propel the university to be one of the best institutions of higher learning in the world. USM is also the premium Research Intensive University in the country and has adopted an innovative approach to higher education, departing from the traditional faculty system to the broad-based school system. A university that champions sustainability issues, USM has 26 schools, offering undergraduate and postgraduate education and research based studies to both local and international students. Another 17 Centres of Excellence (CoE) and 2 Higher Institution Centres of Excellence (HICoE) also offer research and innovation opportunities to prospective researchers, as well as to provide for the development, application and the dissemination of knowledge.

About Taiyo Nippon Sanso Corporation

Taiyo Nippon Sanso Corporation, founded in 1910 and based in Tokyo, Japan, is a global supplier of industrial gases. In 1983, TNSC launched MOCVD operations alongside its conventional industrial gas operations.