



News Release: For Immediate Release

Contact: Barak Green
(858) 481-4400
bgreen@qdusa.com

Quantum Design and das-Nano Announce Distribution Agreement

SAN DIEGO, Calif. – March 17, 2020 – Quantum Design is excited to announce that it will now distribute products manufactured by das-Nano, an innovative science and technology company based in Navarre, Spain. Onyx, das-Nano's non-destructive characterization system, will be distributed by Quantum Design in the United States, China, Singapore and Taiwan.

"The Onyx technology fits in perfectly with our expanding 2D materials characterization portfolio," stated Aashish Chourey, Director of Business Development for Quantum Design. "Non-destructive means of characterizing two-dimensional materials such as graphene and thin films are becoming ever more important to research and industrial teams working on technological solutions for the future."

Das-Nano's Onyx system uses Terahertz technology to quickly characterize the homogeneity, sheet conductance, sheet resistance, carrier scattering time, carrier density, and carrier mobility of 2D materials, all with a single non-destructive measurement. It is useful with a great variety of materials such as graphene (of various forms), PEDOT, carbon nanotubes, GaN, and spin coated photo-resins, among others. Onyx is a unique device on the market that covers the gap left by macro and micro-scale characterization systems, combining high speed and resolution in the same instrument.

"At present, existing material characterization methods do not allow the analysis of the entire sample surface, either because of the excessive time required or because the inspection technique is destructive. In the absence of a system to meet this emerging need, das-Nano imagined and developed the Onyx system," stated Verónica de Miguel, Terahertz Sales Manager for das-Nano. "We are excited to announce a QDI and das-Nano distribution agreement. We are convinced that its expertise in the field, its 40-year experience, and its strategic international locations make QDI the best ally to bring Onyx to the world's leading research institutions."



Quantum Design

INTERNATIONAL

About Quantum Design

Founded in 1982, Quantum Design Inc. is a privately held corporation that develops and markets automated temperature and magnetic field-testing platforms for materials characterization. These systems offer a variety of measurement capabilities and are in widespread use in the fields of physics, chemistry, biotechnology, materials science, nanotechnology, and quantum information research. In addition, through its strong R&D focus and direct foreign offices in the world's major technology markets, Quantum Design International has developed a worldwide distribution channel for its own industry leading instruments as well as for research-based instruments developed by other technology leaders.

About Das-Nano

Das-Nano, founded in 2012 and based in Navarre (Spain), is a company of world-leading scientists with a long track-record in scientific research, technological and international business. With 40% of their team holding PhDs, they are in a unique position to provide a technology portfolio that is continuously evolving. Das-Nano's technology provides state-of-the-art solutions for many different industries and applications, such as: terahertz waves, digital ID verification and biometry, and artificial intelligence.