



News Release: For Immediate Release

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Quantum Design and illumion Announce Distribution Agreement

San Diego, CA – August 8th, 2025

Quantum Design (QD) is proud to announce a new strategic distribution agreement with illumion Ltd., pioneers of charge photometry — a benchtop imaging technique that reveals real-time, particle-level electrochemical and morphological changes in batteries. Leveraging Quantum Design’s deep market knowledge and scientific instrumentation expertise, illumion aims to accelerate the adoption of its breakthrough battery-research technology among the world’s leading scientific institutions and industrial R&D labs. illumion’s system will be distributed by Quantum Design in China, India, South Korea, Japan, and the United States.

"Partnering with illumion will further strengthen our industry-leading offerings in materials characterization and microscopy," stated Aashish Chourey, Director of Business Development for Quantum Design. "We look forward to providing the comprehensive sales & service support needed to take illumion products to global markets."

illumion technology harnesses the principles of optical interference reflection imaging to detect the light scattered by individual particles across an electrode. Users can watch in real time as each particle charges and discharges, while simultaneously monitoring changes in particle morphology that influence battery performance.

"We are excited to collaborate with Quantum Design to bring our innovative charge photometry technology to these new markets," said Dr. Christoph Schnedermann, CEO of illumion. "This partnership will enable us to support the growing demand for advanced battery research tools and facilitate the accelerated development of next-generation batteries."

For more information, visit <https://qdusa.com/products/illumion.html>.

About Quantum Design

Founded in 1982, Quantum Design is a privately held corporation that develops and markets advanced technology cryogenic systems and characterization instruments for the scientific community. Quantum Design is widely recognized as the leading commercial source for integrated laboratory analytical systems incorporating superconducting technology. In addition, through its strong R&D focus and direct foreign offices in the world’s major technology markets, Quantum Design has developed a worldwide sales and support network for its own industry leading instruments as well as for research-based instruments developed by other technology leaders.

About illumion

Founded in 2022, illumion Ltd. accelerates battery material research and development through charge photometry - a simple, lab-based imaging technique which assists in rapid development and screening of new battery materials, by allowing observation of state-of-charge (SoC) changes under *operando* conditions on an individual particle level across the electrode. By incorporating their solution into battery development programs, illumion is enabling faster anode and cathode materials discovery and optimization. Visit illumion.io.