Quantum Design
NORTH AMERICA

News Release: For Immediate Release

Contact: Barak Green
bgreen@qdusa.com

FusionScope™ Wins 2023 R&D 100 Award in Analytical/Test Category

SAN DIEGO, Calif. – August 25, 2023 – Quantum Design is excited to announce that FusionScope – its new correlative AFM/SEM microscope platform – was named a winner of the R&D 100 Award for 2023 in the category of Analytical/Test. This prestigious award is a testament to Quantum Design's team ingenuity, unbridled creativity, and unsurpassed ability for groundbreaking technological development from first principles.

Widely recognized in industry, government, and academia as a mark of excellence for the most innovative ideas of the year, the R&D 100 Awards recognize the most promising new products, processes, materials, or software developed throughout the world and introduced to the market the previous year. Awards are based on each achievement's technical significance, uniqueness, and usefulness compared to competing projects and technologies.

This renowned worldwide science and innovation competition, celebrating its 61st year, received entries from 15 different countries and regions. This year's esteemed judging panel included 45 well-respected industry professionals from across the world. Winners were recognized across five major categories—Analytical/Test, IT/Electrical, Mechanical/Materials, Process/Prototyping, and Software/Services.

Stefano Spagna, VP of Strategy and Innovation, responded, "We are grateful to be the recipient of the prestigious 2023 R&D 100 Award by *R&D World* magazine. The FusionScope represents Quantum Design's latest efforts to bring technological innovation to scientific research. The team at Quantum Design saw an opportunity to bring something unique to the field of microscopy – a truly integrated correlative microscope that combined AFM and SEM in a truly cohesive manner by rethinking an instrument from the ground up. We are incredibly proud to be recognized for this achievement."

"FusionScope provides the user a completely unique experience for performing correlative microscopy and takes advantage of an innovative shared coordinate system that automatically aligns both AFM and SEM operations for measurements and sample positioning," stated Chris Schwalb, COO of QD Microscopy. "Seeing the AFM tip in real time and positioning it with nanometer resolution under guidance of the SEM enables experiments that were simply not possible before. We are honored to win this prestigious award."

Quantum Design will be present at the 2023 R&D 100 Gala Banquet which will be held in San Diego, Calif. on November 16th. To learn more about the R&D 100 Award and the upcoming award gala banquet in San Diego, click here.

About Quantum Design

Founded in 1982, Quantum Design Inc. is a privately held corporation that develops and markets advanced technology cryogenic systems and 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 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.