



PRESS RELEASE

Particle Sciences Announces the Acquisition of HORIBA's Raman/Particle Characterization System

BETHLEHEM, PA, Jan 6, 2010 -- [Particle Sciences Inc.](#) (PSI), a leading pharmaceutical CRO, is adding to its formulation and characterization abilities through a cooperative agreement with HORIBA Scientific. Under the agreement Particle Sciences will acquire a **HORIBA Raman/Particle Characterization System**. This multimodal imaging system is a breakthrough apparatus that combines the chemical selectivity of Raman spectroscopy with particle size and morphology characterization from Clemex Technologies, Inc. According to Dr. Robert Lee (VP, Pharmaceutical Development at PSI), "Particle Sciences works extensively with combination products and other formulation systems where precise location of the API and its particle size are of critical importance. This new device will enable us to approach this question with a robust and validatable system." According to Dr. Andrew Whitley (VP, Sales at HORIBA), "We are confident that PSI, with its broad range of challenging products, will be a tremendous asset in demonstrating the unique characterization capabilities enabled by combining the two powerful techniques of particle analysis and Raman chemical imaging in a single system."

Under the arrangement, Particle Sciences will acquire the **HORIBA Raman/Particle Characterization System** with guaranteed hardware and software upgrades as and when they become available. The two companies will also work together on application and method development. Dr. Lee states that, "Since this is an important area for us, we are very happy to get the system in house at this early stage." From HORIBA's perspective, "Particle Sciences is a leader in particulate formulations in both semisolids and devices. Having their input in the final product will help us ensure we provide our customers with the greatest utility and most useful interface possible," adds Dr. Whitley.

The HORIBA Group of worldwide companies provides an extensive array of instruments and systems for applications ranging from automotive R&D, process and environmental monitoring, in-vitro medical diagnostics, semiconductor manufacturing and metrology, to a broad range of scientific R&D and QC measurements. Proven quality and trustworthy performance have established widespread confidence in the HORIBA Brand. Part of the HORIBA Group, [HORIBA Scientific](#) is the world leader in Raman spectroscopy, having pioneered commercial Raman systems and designing and manufacturing them for over four decades. We provide complete micro and macro Raman solutions for



PARTICLE SCIENCES

DRUG DEVELOPMENT SERVICES

analytical measurements, research and industrial applications. Our instruments are found in universities and industry across the world.

Particle Sciences is an integrated provider of drug development services. Particle Sciences focuses on emulsions, gels, particulates and drug/device combination products with additional specialized capabilities in topical and mucosal drug delivery. Through a full range of formulation, analytic, and manufacturing services, Particle Sciences provides pharmaceutical companies with a complete and seamless development solution that minimizes the time and risk between discovery and the clinic. The company was founded in 1991 and is headquartered in Bethlehem, Pennsylvania. Visit www.particlesciences.com, email info@particlesciences.com or contact us at (610) 861-4701 for information.

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