

Messer wins award for best scientific presentation

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At the symposium of the AFI, the Italian Pharmaceutical Industry Association, held in Rimini in the middle of June, Messer received an award for the best scientific poster presentation. This presentation concerned the results regarding the production of pharmaceutical formulations containing metoclopramide with Variosol technology. In comparison with other processes in which low-melting, tough or pasty products are processed into powders right down to the size of nanoparticles, the Variosol process uses liquid carbon dioxide as a spray and coolant, thereby dispensing with conventional solvents. The advantages of this process are that it facilitates the cost-effective production of powder products to a consistently high quality.

The project is being carried out in collaboration with DISCAFF (Department of Chemical, Food, Pharmaceutical and Pharmacological Sciences at Eastern Piedmont University in Novara - Italy), SiTec Consulting (www.sitec-consult.com), a technology service provider to the pharmaceutical industry based near Turin, and Messer Italia. This collaboration is based on a licensing and cooperation agreement between Messer and SiTec on the development and marketing of the Variosol technology.

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Messer is one of the leading industrial gas companies, and is active in over 30 countries in Europe and Asia, as well as Peru, with over 60 operating companies. Its international activities are managed from Frankfurt am Main, whilst management of core technical functions – logistics, engineering, production and applications engineering – is undertaken from Krefeld. In 2007, about 4,400 employees generated consolidated sales of €705 million.

From acetylene to xenon, the Messer Group has one of the most diverse product portfolios on the market – it produces industrial gases such as oxygen, nitrogen, argon, carbon dioxide, hydrogen, helium, shielding gases for welding, specialty gases, medical gases and many different gas mixtures.

The Messer Group has state-of-the-art research and competence centers in which it develops applied technologies for the use of gases in almost every sector of industry, in food technology and environmental technology, medicine as well as research and science.

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