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GLOBAL PRESS RELEASE

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eVol[®] Wins 2010 R&D100 Technology Innovation Award

eVol[®], the world's first automated analytical syringe created and manufactured by SGE Analytical Science, has been selected as a 2010 R&D100 Award winner. eVol[®] is a unique laboratory tool that removes the human limitation of manual liquid handling delivering significantly improved levels of accuracy, precision and reproducibility.

SGE is proud to receive this award saluting the 100 most technologically significant products introduced into the market place over the past year. The R&D100 Awards serve as a benchmark for excellence in many industries including manufacturing and biotechnology.

"eVol[®] was created utilizing SGE's unique knowledge of liquid handling combined with our design engineering capability," said SGE Chairman Peter Dawes. He foresees wide application of the product. "Every laboratory manually handling liquids can derive benefits from eVol[®] in terms of improved results, workflow, safety for staff and resource savings. eVol[®] will revolutionize the way laboratories work and the pace at which they process samples."

What is eVol[®]?

eVol[®] is the world's first digitally controlled positive displacement dispensing system solving many existing liquid handling issues. It simply and elegantly removes the human limitations of manual liquid handling and overcomes the problems associated with air displacement pipettes and dispensing organic solvents.

eVol[®] has been created by the coupling of a precision analytical syringe to a digitally controlled electronic drive. The result is a product that eliminates user error and allows significantly improved levels of precision and accuracy in manual dispensing thereby improving laboratory workflows and the reliability of reported results. eVol[®] can be easily calibrated enabling laboratories to comply with stringent global laboratory standards (e.g. GLP, GMP, FDA).

eVol[®] is the world's first product to be enabled by SGE's patented XCHANGE[®] technology - an innovative XCHANGE[®] magnetic coupling mechanism also available for integration onto robotic platforms. The integration of the XCHANGE[®] coupling with eVol[®] makes it possible for syringes to be rapidly and easily removed and replaced, allowing them to be dedicated to individual liquids and/or methods and to prevent possible cross contamination.

About SGE Analytical Science

SGE Analytical Science began manufacturing syringes 50 years ago and now manufactures a vast array of products for chromatography and mass spectrometry. SGE is an [ISO accredited](#) company and is proud that all major analytical science instrument manufacturers rely on and incorporate SGE manufactured components in their systems. SGE is heavily committed to ongoing research and development that will allow the company to continue to bring innovative technologies and solutions to analytical science.

R&D100 Awards

Since 1963, the R&D100 Awards have identified revolutionary technologies newly introduced into the market. Many of these have become household names including the flashcube (1965), the automated teller machine (1973), the liquid crystal display (1980), Taxol anticancer drug (1993) and HDTV (1998). The awards are selected by an independent judging panel and the editors of R&D Magazine. A full list of this year's winners is available at www.rdmag.com

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