

GLOBAL PRESS RELEASE

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

eVol[®], the world's first automated analytical syringe created and manufactured by SGE Analytical Science, last night received its 2010 R&D100 Award at the Award banquet in Orlando, Florida. eVol[®] is a unique laboratory tool that removes the human limitation of manual liquid handling delivering significantly improved levels of accuracy, precision and reproducibility.

eVol[®] Development Engineer Mark Wardle and SGE's Liquid Handling Business Unit Director Glenn Clivaz were proud to accept the award saluting the 100 most technologically significant products introduced into the market place over the past year. The R&D100 Awards have served as a benchmark for excellence in many industries including manufacturing and biotechnology since their inception in 1963.

"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."



Mark Wardle, SGE Development Engineer (left) and Glenn Clivaz, SGE Liquid Handling Business Unit Director (right), proudly display the R&D100 Award



The R&D100 Award Winning eVol[®]

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 is now in its 50th year as a company since its founders established Scientific Glass Engineering in Melbourne, Australia. Today, SGE has two modern facilities engaged in developing and manufacturing Chromatography, Mass Spectrometry and Analytical Products. The company employs over 400 people and has a global distribution and support network. SGE has a commitment to quality and is an ISO9001 accredited company. SGE is heavily committed to ongoing research and development that will allow the company to continue to bring innovative technologies and solutions to the scientific community.



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. Further details and a full list of this year's winners is available at <http://www.rdmag.com/Awards/RD-100-Awards/R-D-100-Awards/>

Contact Information:

Philippa Gately, Global Marketing Communications Manager, SGE Analytical Science
T: +61 3 9837 4282 F: +61 3 9874 5672 E: pgately@sge.com