

eVol® Hand-held Digital Analytical Syringe

ABSTRACT

View this video to learn about the benefits of using your R&D 100 award winning eVol®. eVol® the world's first digital analytical syringe improves the pace of laboratory processes while delivering improved accuracy and reproducibility, with standardized results independent of operator skill.

- eVol® is ergonomic, comfortable and easy to use.
- eVol® is easily calibrated and calibration factors saved for each syringe.
- eVol® is suitable for use with volatile samples.
- eVol® is programmable to store a laboratory workflow (up to 98 steps).
- eVol® is suitable for direct injection with a consistent flow rate.
- eVol®'s stainless steel needle enables direct injection through septa.



VIDEO SUMMARY

Kit Contents

The eVol® Electronic Syringe Starter Kit contains everything you need to get started including:

- One eVol® Digital Analytical Syringe handle,
- One 5 µL eVol® XCHANGE® Syringe,
- One 50 µL eVol® XCHANGE® Syringe,
- One 500 µL eVol® XCHANGE® Syringe,
- All fitted with 50 mm needles.

The syringes can be easily and quickly changed allowing them to be dedicated to individual liquids or methods or to avoid cross-contamination.

eVol® Features

eVol® allows you to aspirate and dispense liquids quickly and accurately, even in and out of sealed vials if required, providing more flexibility than ever before to simplify workflow.

eVol® is ergonomic, comfortable, easy to use and easy to calibrate. In fact, calibration factors are saved for each syringe, enabling laboratories to comply with stringent global laboratory standards.

Improving and Simplifying Workflow

The eVol® gives consistent results, independent of the operator, and improves accuracy and reproducibility. The custom step-based programming mode allows for the creation and storage of multi-stepped dispensing protocols.

To create and save a new custom program, just use the touch wheel to select the Custom option from the Main Menu. It's then easy to follow the on-screen prompts to create programs uniquely suited to a variety of tasks.

Serial Dilution with a Custom Method

On top of improved accuracy and reproducibility, the award winning eVol® improves and simplifies the pace of laboratory processes.

Hints and Tips

- eVol® can be used with any liquid, even volatile materials such as organic solvents and hazardous liquids – when gloves are necessary, just select the toolbox option to adjust the touch wheel sensitivity.
- For direct injection into chromatography columns, there is no syringe on the market that can provide a more consistent flow rate; evol®'s design makes it uniquely suited to the task. In addition, the stainless steel needles with which every evol is equipped also allow injection directly through septa.
- Use the eVol® NMR addition to further extend eVol®'s capabilities. The NMR addition kit features long stainless steel needles that enable 'in tube' sample dilution and mixing, and recovery of samples facilitating reuse of NMR tubes.

For more information contact our technical customer support team on: techsupport@sge.com

AUSTRALIA & PACIFIC REGION SGE Analytical Science Pty Ltd Toll Free: 1800 800 167 Tel: +61 (0) 3 9837 4200 Fax: +61 (0) 3 9874 5672 Email: support@sge.com	CHINA SGE Shanghai Representative Office Tel: +86 21 6407 9382 Fax: +86 21 6407 9386 Email: china@sge.com	MIDDLE EAST SGE Gulf Tel: +971 6 557 3341 Fax: +971 6 557 3541 Email: gulfsupport@sge.com
EUROPE SGE Europe Ltd European Head Office Toll Free: 00800 2790 8999 Toll Free Fax: 00800 2626 2609 Tel: +44 1908 568 844 Fax: +44 1908 566 790 Tel France: +33 1 69 29 80 90 Fax France: +33 1 69 29 09 25 Tel Germany: +49 (0) 6155 / 60746 0 Fax Germany: +49 (0) 6155 / 60746 50 Email: europe@sge.com	INDIA SGE Laboratory Accessories Pvt Ltd Tel: +91 22 24715896 Fax: +91 22 24716592 Email: sgeindia@vsnl.com	UNITED STATES OF AMERICA SGE Incorporated Toll Free: (800) 945 6154 Tel: +1 512 837 7190 Fax: +1 512 836 9159 Email: usa@sge.com
	JAPAN SGE Japan Inc Tel: +81 45 222 2885 Fax: +81 45 222 2887 Email: japan@sge.com	