Scorpion for Chemistry

The speed and versatility of the Scorpion make it the ideal choice for synthetic chemists to automate High-Throughput Experimentation in your lab. With the Scorpion, a synthetic chemist will see a 10-fold increase or more in the number experiments being run.

The Scorpion can access 6 deck positions with a minimal footprint. The unique lightweight and durable delta arm design allows for an open work space. The high speed arm movements increase throughput and facilitate the transfer of solvents without dripping. The enclosed work space can be filled with gas to create an inert environment.

The open design of the workspace and powerful software allow the system to be configured for virtually any type of lab ware. Dram tubes, glass vials, deep well blocks, and many others.

Features:

- 10-fold increase or more in the number of experiments that can be setup versus a manual workflow.
- Small foot print fits into standard sized fume hoods.
- Enclosed workspace and airflow system allow for an inert atmosphere to be created so sensitive reagents can be used with confidence.
- Liquid level sensing allows the tip to follow liquid levels, improving aspirate and dispense accuracies.
- Single channel head and optimized dispense modes make it easy to work with a wide range of solutions.
- Intuitive and easy to use software makes setting up complex experiments a simple task.
- The single channel head design allows the Scorpion to access any type of tube, vial, or plate.
- Work safer, limit lab personnel exposure to solvents.

Applications:

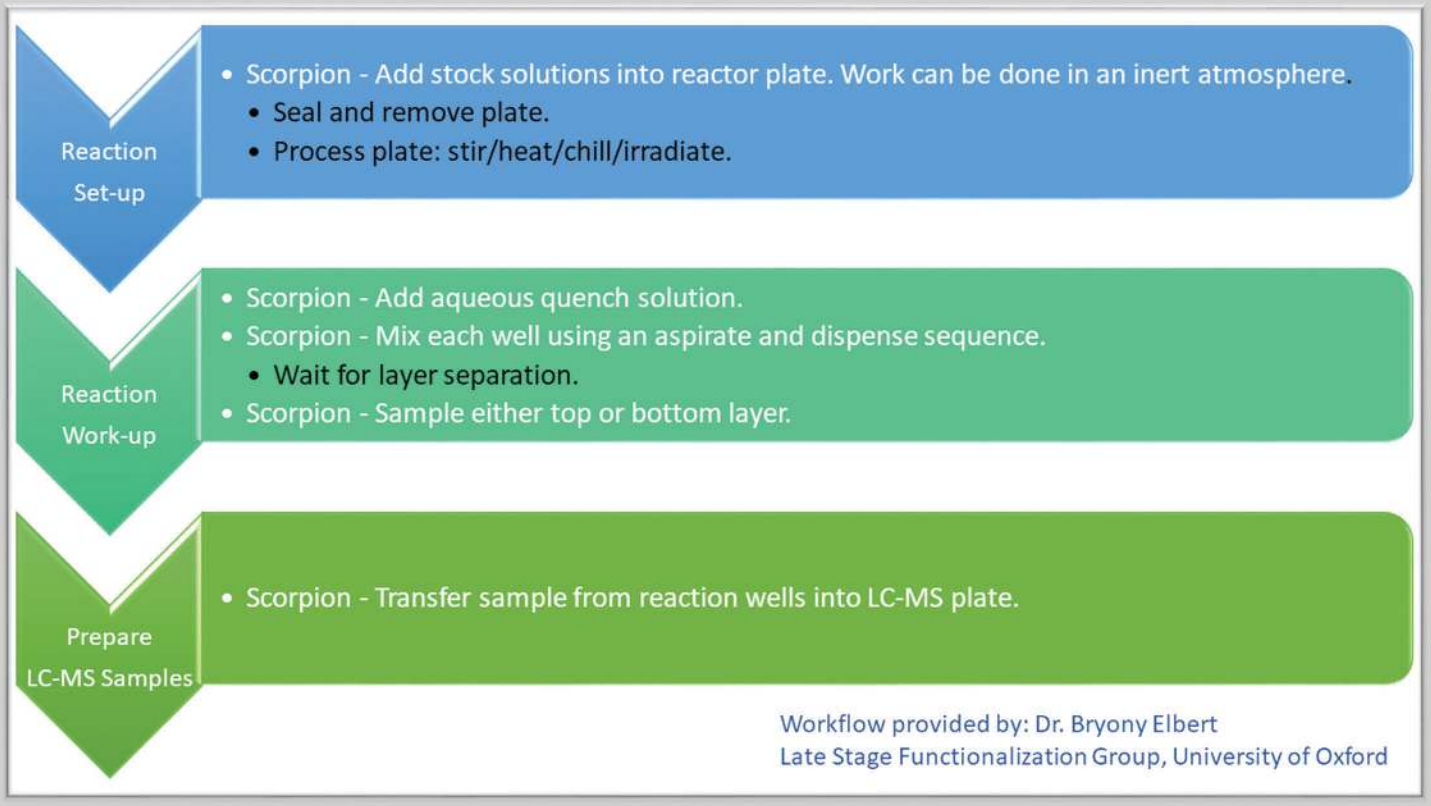
- High-Throughput Experimentation.
- Reaction optimization.
- Reaction miniaturization to screen conditions without wasting precious sample.
- Long term scheduled reaction sampling for kinetic assays.
- High-throughput screening of ligands or substrates for reactions.

For more information, contact us at: Tel: (888)658-5300
www.artrobbins.com
info@artrobbins.com

Scorpion for Chemistry

The Scorpion can automate the slow and tedious task of manually setting up reactions one-by-one. The Scorpion can perform your High-Throughput Experimentation set-ups and greatly improve throughput while you spend your time analyzing your results and not at the bench.

A typical work flow example using the Scorpion for High-Throughput Experimentation is shown below. Let the Scorpion do the tedious work for you with precision and accuracy.



For more information on how the Scorpion can be used to automate your lab work and increase your throughput, please call or email us to discuss your lab's needs with our Application Scientist.

Catalog #: 640-1000-20

Includes: Desktop computer
1 year warranty

Specifications:

Size: 19 (48.3) x 19 (48.3) x 27.5 (69.8) in(cm)
Weight: 90 lbs, 41 Kg
Electrical: 100 to 240 V, 300 W

For more information, contact us at: Tel: (888)658-5300
www.artrobbins.com
info@artrobbins.com