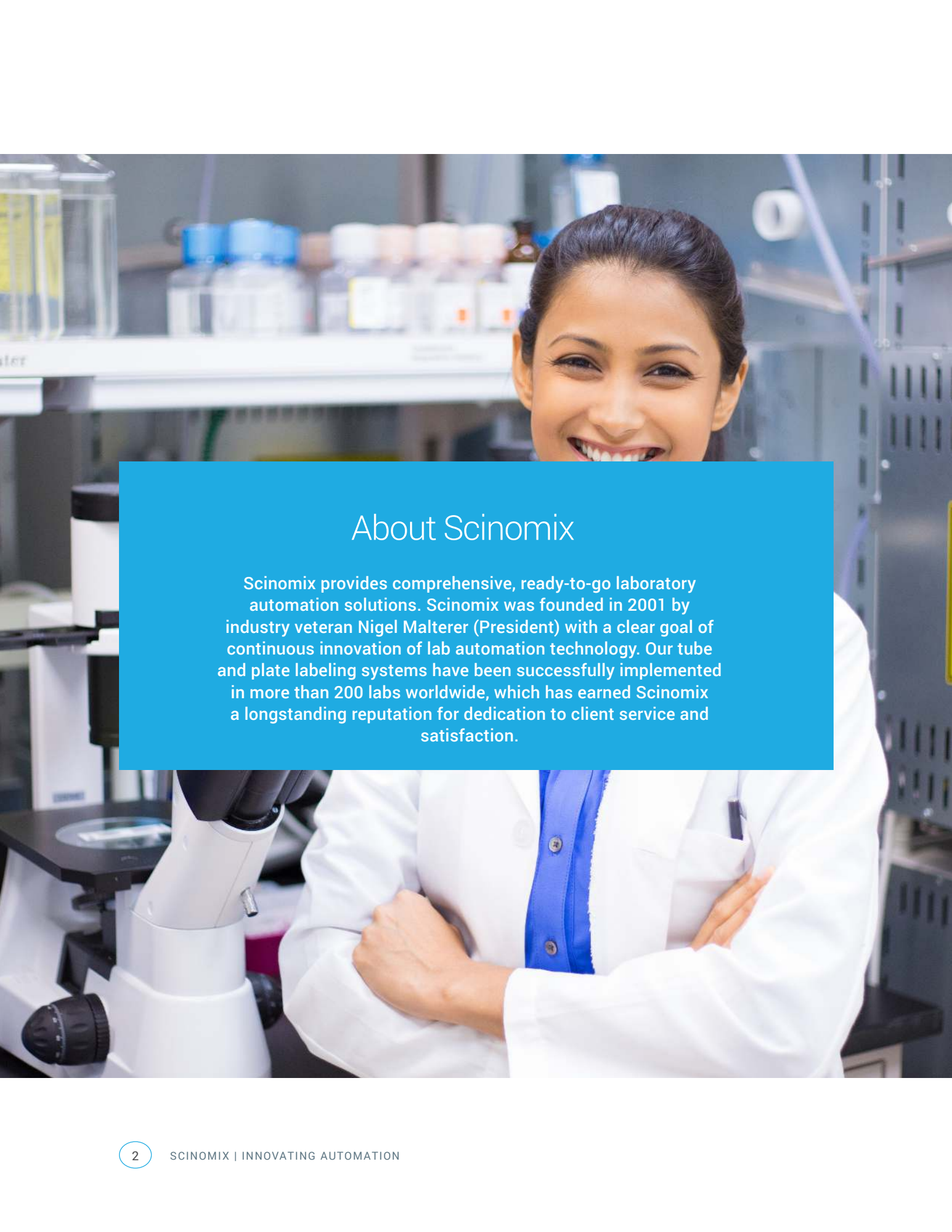




RapidCAP2

Automated Capper
and Decapper





About Scinomix

Scinomix provides comprehensive, ready-to-go laboratory automation solutions. Scinomix was founded in 2001 by industry veteran Nigel Malterer (President) with a clear goal of continuous innovation of lab automation technology. Our tube and plate labeling systems have been successfully implemented in more than 200 labs worldwide, which has earned Scinomix a longstanding reputation for dedication to client service and satisfaction.

Benefits of Scinomix Automation



Time-savings/walk-away time

Automation frees up valuable time to attend to more important tasks in the lab.



Small footprint

Our benchtop equipment saves valuable space in the lab.



Productivity & efficiency

Automating tedious and time-consuming tasks provides lab with increased productivity and efficiency



Ergonomics

Automation reduces repetitive injuries in the lab such as carpal tunnel.



Accuracy

Accuracy and precision are important in the lab. Automation ensures correct results, saving significant time in the lab.



Human Error

Automation eliminates human error (i.e. mislabeling sample tubes, illegible handwriting, etc.) caused from manual tasks in the lab.



Cost Savings

Automation is an investment. Labs can save significant costs in the lab by investing in automation. Try our ROI calculator to find out more.

RapidCAP2

Automated Capping & Decapping

Achieve convenient, high-throughput capping and decapping in your production lab environment without the added expense of premium-priced pre-racked tubes required for expensive automation applications. Our small benchtop RapidCAP2 is remarkably simple to operate and designed to cap and decap inexpensively priced cryovials between 0.5ml and 2.0ml in just 4.75 seconds per tube – making it both budget-friendly and impressively fast compared to other equipment.



Features and Benefits

Capping and Decapping

Manually capping and decapping tubes is tedious and time-consuming work. The RapidCAP2 automates this task and makes it more convenient for people working in the lab.



Touchscreen Software

Convenience was a key design decision with RapidCAP2 development, so our engineers created user-friendly touchscreen software to create a hassle-free experience for users.



- ✓ Fully compatible with 0.5 ml to 2ml cryovials
- ✓ Allows users to buy cryovials in less expensive bulk packaging opposed to pre-racked tubes
- ✓ Capping & decapping throughput is 4.75 seconds per tube
- ✓ Automated capping & decapping rids lab workers of this tedious task & eliminates the risk of physical injuries

- ✓ User-friendly, touchscreen software
- ✓ Can process any cap color
- ✓ Factory configured system comes ready to go and configured to user's needs

Features and Benefits

Cap Hopper

Lab managers have so much to get done in the lab, so it was important to develop features within the RapidCAP2 to not have to constantly stop what they are doing to attend to the device.

That's why we created the cap hopper to hold up to 1,000 cryovials to minimize interruption of having to keep dumping caps into the hopper.



- ✓ Cap hopper holds approximately 1,000 caps or 2 bags (number based on Sarstedt cryovials)
- ✓ The Cap Hopper allows the user to dump in many caps at one time and walk-away

Deck Capacity

The RapidCAP2 is designed to hold 2 SBS footprint tube racks. However, if customers have different racks, Scinomix can custom manufacture rack adaptors to tailor to the users specific tube rack specifications.



- ✓ Can accept 2 SBS or 1 rack that is up to 217mm x 145mm
- ✓ If the tube rack is not SBS size Scinomix can custom manufacture rack adaptors.

Features and Benefits

Modular Components

RapidCAP 2 is designed using modular components to make servicing quicker and easier which minimizes production down time.



- ✓ RapidCAP 2 is designed using modular components to make servicing quicker and easier which minimizes production down time
- ✓ Flexibility to integrate into third party automation systems

Cap Color Detection

Lab managers today are exposed to increased risk and liability from incorrect vial handling. To reduce the risk of human error for color coded samples, RapidCAP2 offers a helpful color sensor and detection system that prevents the wrong cap color from being capped accidentally on a vial.



- ✓ Adds an extra layer of quality control for the user to filter out the wrong cap color which may represent a specific sample
- ✓ Filters out the wrong cap color which may represent a specific sample

Features and Benefits

Small Footprint

Convenience was a key design decision with RapidCAP2 development, so our engineers created a small benchtop footprint which frees up valuable real estate.



- ✓ Small, bench-top device to free up valuable space in the lab
- ✓ Dimensions: 22" W X 19" D X 22" T
- ✓ Weight: 90 lbs.

Factory Configured to User's Needs

Nobody has time to learn a new, complicated system. Lab equipment needs to plug into existing infrastructure with little or minimal effort. That's why RapidCAP2 comes already



- ✓ User-friendly device, RapidCAP2 is factory-configured for the user



RapidCAP2 is much faster than other capping and decapping systems

Because highly efficient throughput is as important as managing the exorbitant cost of consumables, RapidCAP2 can cap and decap tubes in as little as 4.75 seconds depending on the application which is much faster than other machines.





Performing repetitive tasks in the lab can cause repetitive stress injuries, which can lead to decreased productivity due to strain in the hands and fingers. Scinomix has developed an automated solution for capping and decapping tubes to rid lab workers of this tedious task and to eliminate the risk of physical injuries.

Scinomix
314.298.9800
Earth City, MO 63045-1213
info@scinomix.com

