Tired of unreliable cap handling?

Laboratory automation shouldn't mean constant intervention

Traditional cap-handling systems rely on Allen key-style drivers that must both turn and hold the caps.

Manufacturing variations in both caps and drivers mean some connections are too tight while others are too loose, resulting in stuck or dropped caps.

Request demo today

Meet the AlteCap MagCap™

The simple solution transforming laboratory cap handling

MagCap's breakthrough is elegantly simple: let the Allen key-style driver do what it does best - turn the cap - while adding a magnetic mechanism to handle cap retention.

This separation of functions eliminates the primary failure point in automated cap handling systems.

How it works

- Magnetic attachment
- Secure hold during rotation
- Clean release

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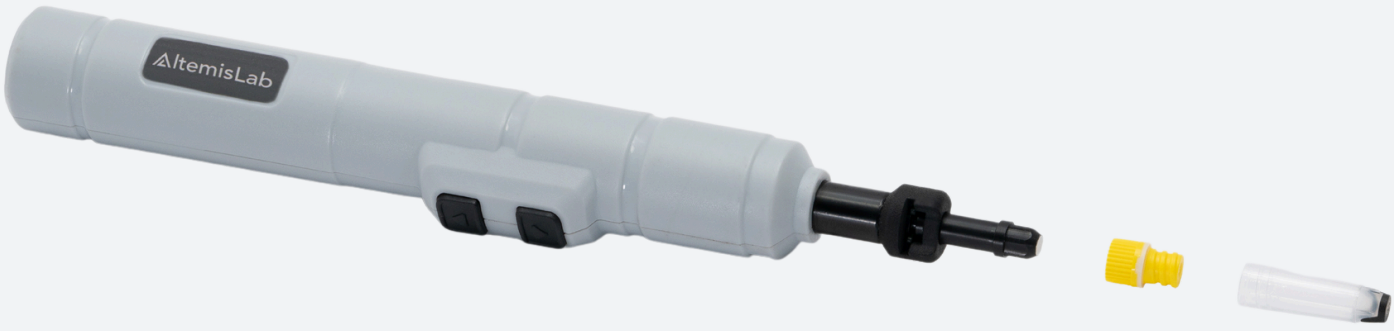
Automation benefits

- Increased reliability
- Reduced downtime
- Better sample integrity

Experience the magnetic difference, request your demo today



AltemisLab
www.altemislab.com

MagCap

Failed operation, dropped caps

Every laboratory manager knows the frustration with automation equipment. Well, suffer no more.

Struggles

Traditional Allen key cap-drivers struggle with dual demands of turning and holding caps in lab automation

1

Stuck or Dropped

Manufacturing tolerances create inconsistent friction, leading to stuck or dropped caps

2

Solution

New MagCap™ technology separates torque and retention functions, dramatically improving reliability

3

The evolution of a simple tool: how magnets transformed lab automation

Every laboratory manager knows the frustration of unreliable automation equipment. Imagine a solution that transforms an age-old problem into a seamless operation - that's exactly what MagCap™ has achieved with laboratory cap handling.

The Challenge: Traditional cap-handling systems rely on Allen key-style drivers that must both turn and hold the caps. Like trying to pick up a marble while wearing boxing gloves, this dual requirement creates an inherent conflict. Manufacturing variations in both caps and drivers mean some connections are too tight while others are too loose, resulting in stuck or dropped caps.

The Innovation: The MagCap™ breakthrough is elegantly simple: let the Allen key-style driver do what it does best - turn the cap - while adding a magnetic mechanism to handle cap retention. By embedding a small magnet in the driver and a steel insert in the cap, MagCap™ ensures reliable cap handling without depending on precise mechanical fits.

The Impact: This separation of functions eliminates the primary failure point in automated cap handling systems. Labs can now run their automated systems with greater confidence, reducing downtime and sample handling errors.

MagCap™ is available for use with our Single, Row/Column and Full Rack Decappers.

AltemisLab - Making automation available for every budget and project