

CapLok™ tool



Instruction for use

PRODUCT REFERENCE:

CapLok tool, pk 1	C-CPLOCK
CapLok tool, pk 10	C-10LOCK



1. Introduction

The CapLok tool is designed to simplify the capping and uncapping of sorbent tubes, and to prevent overtightening.

Except during sampling and tube preparation, sorbent tubes should always be capped. Markes recommends brass or aluminium long-term storage caps for both short-term storage (up to 3 days) and long-term storage (for which they are independently validated for up to 27 months).

The CapLok tool consists of two parts:

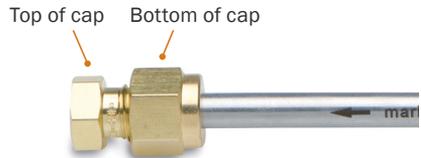
- Top: A disk with shallow slot (engraved with Markes website address).
- Bottom: A disk with a deeper slot (not engraved).

The deeper slot is designed to house the bottom of the storage cap, while the shallow slot grips the top.

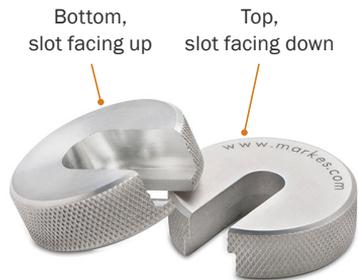
2. Using the CapLok tool

2.1 Capping

- [1] Before using the CapLok tool, fit the long-term storage caps onto the tube, ensuring the tube passes through the PTFE ferrules within them. You should finger tighten the caps as securely as possible.



A capped tube.



Components of a CapLok tool.



Components of a brass cap, showing ferrule within.

- [2] To use the CapLok tool, place the bottom of the tool (slot side up) between your thumb and forefinger.
- [3] Guide the capped tube into the slot, ensuring the storage cap sits on top of the slot and the tube below.
- [4] Hold the tube underneath the tool to provide better grip.
- [5] Slide the top of the CapLok tool over the top of the storage cap.
- [6] Quarter-turn in a clockwise direction to secure the cap.
- [7] Repeat for the second cap.
- [8] To check cap tightness, grip the caps firmly and attempt to pull from the tube.

NOTES

If any caps can be removed easily this way, they should be retightened with the CapLok tool.



Step [5]: Positioning the top of the CapLok tool.



Step [8]: Checking cap tightness.

2.2 Uncapping

To uncap a sorbent tube, follow the capping procedure in reverse order, by quarter-turning in an anticlockwise direction. Grip the tube correctly to avoid dropping it.

3. Contact details

For technical support, please contact your supplier in the first instance. If they are unable to resolve your query, please contact Markes International's service department:

E: support@markes.com

T: +44 (0)1443 230935

W: www.markes.com

For an instructional product video, please visit:
chem.markes.com/CapLok



Scan the code to
watch the video

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