



Capit-All Flex Automated Decapper

The Thermo Scientific™ Capit-All™ Flex Automated Decapper is a full-service, automated capping and decapping solution for Thermo Scientific™ Matrix™ and Nunc™ 48- and 96-tube racks.

The Capit-All Flex Automated Decapper delivers the flexibility you need to power your genomics, biobanking, precision medicine, and other storage applications while helping reduce your lab's physical footprint and increasing efficiency.

Flexibility

The Capit-All Flex Automated Decapper was designed with flexibility in mind, for use as a stand-alone benchtop unit or in an integrated system.

The Capit-All Flex decapping instrument, with its universal cap drivers, is compatible with both Matrix and Nunc tubes in 48- and 96-tube formats. The instrument is capable of switching back and forth between tube formats without the need for adapters or changing parts.

This level of compatibility can support current as well as changing application requirements, reducing or potentially eliminating the need to purchase separate units.



Ease of use

The instrument features an angled 7-inch touchscreen with a user-friendly interface, enabling users to select the desired program easily in just a few steps with or without gloves.



Exceptional sample protection

The instrument includes a drip tray that acts as a barrier between caps and tubes after the caps have been removed, to help prevent cross-contamination and maintain sample integrity.



Efficiency

The Capit-All Flex Automated Decapper can complete a capping cycle in less than 60 seconds. It can also handle a full or partial rack of tubes, offering flexibility for your various workflows.



Specifications



Description	Values
Noise level	<70 dBA; the machine does not emit a high level of noise during operation
Dimensions (L x W x H)	357 x 235 x 402 mm (L: 490 mm with rack nest extended)
Stage distance (extended)	148 mm
Weight	Capit-Ali Flex Automated Decapper: 22 kg (without cassette) Cassette 96: 0.32 kg External power supply: 1.28 kg
Opening torque	12–15 cN·m
Closing torque	Min. 7 cN·m
Main power supply	3 pole AC inlet IEC 320-C14, Class I power unit AC 100/240 VAC, 50–60 Hz, 4.5 A ⚠ Caution <ul style="list-style-type: none"> Use IEC 320 plug only. Ground must always be connected.
Operation time	~60 seconds to decap and ~60 seconds to recap a rack of tubes Note: The decap/recap time can vary depending on the tubes.
Interface	Serial RS-232

Ordering information

Product	Cat. No.
Capit-Ali Flex Automated Decapper (includes Matrix/Nunc cap driver cassette)	4120-FLEX
Matrix/Nunc cap driver cassette	4130-MAT-NUN

Learn more at thermofisher.com/capitalflex

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