

EzDecap System for Uncapping Laboratory Tubes

Description

EzDecap is a system for automatically uncapping sample tubes of various sizes. No more tedious manual unscrewing and closing.

With this patented technology, the EzDecap enables convenient one-handed automation, reduces errors in the decapping process and also increases efficiency. It offers four operating modes for different tube handling requirements and, thanks to its compact design, is suitable for use in both safety cabinets and on the workbench.

Specifications

- **Fatigue-free and efficient**
Optimizes tube handling with one-handed operation thanks to patented technology. Ideal for daily high-volume tasks.
- **Variable tube dimensions**
Processes various tube types, from cryogenic tubes to 50 ml centrifuge tubes, without the need to change the cap gripper.
- **Optimal use of space**
The compact footprint fits in safety cabinets, workbenches and on all work surfaces.
- **Cost-effective automation solution**
Comprehensive functionality at an affordable price.
- **Wide compatibility**
Cap diameter: 11–40 mm
Suitable tube types:
 - 50 ml centrifuge tubes
 - 15 ml centrifuge tubes
 - Microcentrifuge tubes
 - Cryovials
- **Versatile operating modes**
Four different operating modes for different capping and decapping requirements:
 - Hold cap
 - Release cap
 - Decapping only
 - Capping only



Automated decapper EzDecap



EzDecap with 50 ml centrifugal tubes

Tube Decapper System - EzDecap



Technical Data

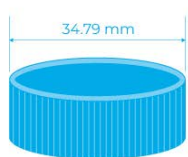
Order No.	103.2200
Dimensions	170 x 240 x 300 mm
Weight	3.8 kg
Cycle time Decap / Cap	< 3 Seconds
Compatibility	11 – 40 mm diameter screw cap tubes
Sensing method	Pressure sensor
Operating modes	4 Operating modes • Hold Cap: Hold the cap and close it • Release Cap: Open the cap and place the cap on the tube • Decap Only: Open and immediately release the cap • Cap Only: Close the cap
Power adapter	Input: AC 100-240 V, 50/60 Hz, Output: DC 24 V, 2,7 A
Stromverbrauch	65 W
Power connection	USB-C
Certification	CE



EzDecap operating modes

Optional gripper set
The lid grippers can be replaced if they become worn.

Tube Compatibility



50 mL Centrifuge Tube



15 mL Centrifuge Tube



Microcentrifuge Tube



Cryotube