

SUPERIOR CAPPER FEATURES

SCREW CAP RECAPPERS

Caps, decaps or recaps 96-48-24 Screw Cap tubes at once in less than 30 seconds

Easy-to-use graphical touch screen interface

Models available for Micronic 96- (Standard and Low Profile), 48- and 24-format Screw Caps, as well as caps from other brands

Extremely durable design for reliable operation

Technical support available

No adapters required

Cost-effective solution to cap, decap or recap a row of 8-6-4 tubes at once

Caps a row of 8-6-4 tubes in 5 seconds and a whole rack of 96 tubes within 1 minute

Each Screw Cap is tightened securely and uniformly

PUSH CAP (DE)CAPPERS

Remote control via RS232

Decaps 96 tubes in 8 seconds

User-friendly interface

Works with tube sizes up to 1.40ml

No adapters required

Works on full and partially-full racks

Models available for tubes up to 1.40ml and tubes up to 2.00ml

Caps an entire rack of 96 tubes in an average of 7 seconds (depends on the tube height)

Controlled pressure system for an evenly capping result

Operates without any buttons

ADDITIONAL SERVICES



Compatibility with automation and robotics
The Push Cap (De)Cappers and Screw Cap Recappers can be integrated into automated systems and robotics. If you require technical assistance during installation, please contact us.

Compatibility with other brands
The Push Cap (De)Cappers and Screw Cap Recappers are compatible with other brands of tubes, caps and racks. Please contact us for more information.

CAPPER OVERVIEW & SPECIFICATIONS

Automated Cappers and Decappers	Screw Cap Recapper CS500	Screw Cap Recapper CS510/520	Screw Cap Recapper CS700	Screw Cap Recapper CS710/720	Electric Capper CP480	Electric Capper CP860	Electric Decapper DC480
Basic Features Equipment type Push or Screw Caps Rack compatibility Tube compatibility Cycle time (whole rack)*	Recapper Screw Caps 96-well Up to 2.00ml 60 seconds	Recapper Screw Caps 48/24-well Up to 6.00ml 45 seconds	Recapper Screw Caps 96-well Up to 1.40ml 30 seconds	Recapper Screw Caps 48/24-well Up to 6.00ml 30 seconds	Capper Push Caps 96-well Up to 1.40ml 7 seconds	Capper Push Caps 96-well Up to 2.00ml 7 seconds	Decapper Push Caps 96-well Up to 1.40ml 8 seconds
Dimensions (mm) Weight Adapters required Voltage	178 x 161 x 710 5.5kg No 115-230V	178 x 161 x 710 5.5kg No 115-230V	590 x 251 x 460 38kg No 115-230V	590 x 251 x 460 38kg No 115-230V	312 x 209 x 286 14kg No 115-230V	312 x 209 x 324 16kg No 115-230V	531 x 258 x 366 25kg No 115-230V
Warranty	1 year	1 year	1 year	1 year	1 year	1 year	1 year

* The cycle time can vary depending on the tube type used.

TECH NOTE - REPETITIVE OPENING AND CLOSING OF TUBES

The process of capping and decapping tubes at laboratories might seem harmless. However, when dealing with very small sample volumes, the repetitive opening and closing of tubes without loss of sealing performances is highly important.

The Micronic Technology Center evaluated the durability of Micronic 1.40ml Screw Cap and Push Cap tubes in combination with Micronic Screw Caps and TPE Push Caps. Durability tests were performed by opening and closing the tubes up to 100 times manually and electrically.

The Tech Note “Durability of Sample Storage Products” explains the results of the tests and demonstrates the excellent durability of Micronic tubes and caps after extensive capping and decapping, which guarantees the reliability of Micronic products in any lab situation.



TECHNOTE

DURABILITY OF SAMPLE STORAGE PRODUCTS

Repetitive opening and closing of tubes

SERVING SCIENTISTS SINCE 1984

CONTINUOUS INNOVATION IN SAMPLE HANDLING EQUIPMENT

ASSEMBLED IN THE NETHERLANDS AND THE UNITED STATES

CAPPING &
DECAPPING RANGE

Manual and Automated Equipment

MANUAL CAPPING & DECAPPING SYSTEMS

Micronic offers a range of products to make manual capping and decapping more efficient. For the manual (de)capping of Screw Caps, there are several options available. The Screw Cap Recappers offer a quick and reliable solution to seal Screw Caps Tubes in 96-, 48- and 24-well format. The Screw Cap Recapper CS100 is set to a precise torque value and stops turning when the perfect seal is established.

For the decapping of Push Caps, the Micronic Manual Push Cap Decappers are developed. The range includes the Manual Decapper-1, which is made of high quality plastic, and designed to remove a single Push Cap. The Manual Decapper-8 is also made of high quality plastic and removes Push Caps in a row of eight. The Manual Decapper-8 Aluminum removes individual Push Caps in a row of eight from frozen tubes. All manual decappers provide a convenient and fast removal of the TPE Push Caps.

The Manual Capper CM480 can apply uniform pressure to Push Caps in an entire 96 tubes rack in only a single action. This device is able to seal full racks or partially full racks with the complete range of Micronic TPE or EVA style Capmats, Capbands and Capclusters. The Capper is also compatible with other brands of storage tubes and racks. To ensure optimum results an adapter matched to your specific rack type and tube height is supplied.

AUTOMATED CAPPING & DECAPPING SYSTEMS

To accelerate the capping and decapping proces even more, the Micronic Electric (De)Capping Equipment is a perfect solution. Developed in conjunction with several leading laboratories, the Screw Cap Recappers CS500, CS510 and CS520 offer the ability to cap, decap or recap a row of tubes in less than 5 seconds and a whole rack in only 1 minute. This is 10 times faster than by hand and improves productivity. The automated Screw Cap Recappers CS700, CS710 and CS720 are “must-have” equipment for higher throughput users. The devices are user-friendly and extremely durable and reliable and cap entire racks in 30 seconds.

The Electric Push Cap Cappers CP480 and CP860 are designed to meet the special requirements of our customers and are compatible with the following caps: TPE Capmats, Capbands, Capclusters and EVA Capmats. The Electric Cappers seal an entire rack of 96 tubes within 12 seconds and have a guaranteed evenly capping result.

With the ever-growing demand for higher sample throughput in many laboratories, the Electric Decapper DC480 enables significant productivity gains to be made in the opening of multiple sample storage tubes capped with Push Caps. The DC480 is able to decap 96 tubes in 8 seconds. Through a friendly user interface you can choose the right rack to decap, without using different adapters.

IN-HOUSE ASSEMBLY & EXCEPTIONAL SERVICE

The Micronic Capping & Decapping equipment is designed and assembled in-house. We have well-trained personnel on hand to provide service on equipment. These services range from annual maintenance, installation support and customization, to repairs.

High-level service is of paramount importance at Micronic. By assembling equipment in-house, Micronic's equipment assembly personnel and engineers have the first-hand knowledge and skills necessary to perform services quickly and smoothly.

At Micronic, we are committed to offer top-of-the-line products, delivering exceptional quality, reliability and durability. Above all, we stand behind our solutions, and are confident that you will too. Micronic warrants that its products are of satisfactory quality and conform to applicable EU legislation. If the product turns out to be defective, Micronic will arrange to repair or replace the product during the warranty period. The warranty period begins on the day of Micronic's invoice of the original product and ends after 1 year for (De)Capping equipment. Additionally, we offer calibration services for Micronic Screw Cap Recappers. The service ensures that the Recappers are set to a precise torque value for an optimal sealing performance.



Manual Push Cap Decappers

MP54000 (-1), MP54001 (-8) & MP65010 (-8 Aluminium)



-  For Push Caps
-  96-well format compatible
-  Light weight
-  57 x 50 x 11 mm (-1)
90 x 72 x 11 mm (-8)

Univo Manual Capper CM480

MP35050






-  For Push Caps
-  96-well format compatible
-  7 Kg / 15 lbs
-  Adapters required
-  262 x 185 x 164 mm

Screw Cap Recapper CS100/10/20

MP35480, MP35490 & MP35492










-  For Screw Caps
-  24/48/96-well format compatible
-  Light weight
-  130 x 19 mm

Screw Cap Recapper CS500

MP35420








-  For Screw Caps
-  96-well format compatible
-  Cycle time: 5 sec./8 tubes
-  5.5 Kg / 12.0 lbs
-  115 - 230 Volt
-  No adapters required
-  178 x 161 x 710 mm

Screw Cap Recapper CS510/CS520

MP35441 & MP35446










-  For Screw Caps
-  24/48-well format compatible
-  Cycle time: 5 sec./4 or 6 tubes
-  5.5 Kg / 12.0 lbs
-  115 - 230 Volt
-  No adapters required
-  178 x 161 x 710 mm

Screw Cap Recapper CS700

MP35450










-  For Screw Caps
-  96-well format compatible
-  Cycle time: 30 sec./1 rack
-  38 Kg / 84 lbs
-  115 - 230 Volt
-  No adapters required
-  590 x 251 x 460 mm

Screw Cap Recapper CS710/720

MP35470 & MP35475




-  For Screw Caps
-  24/48-well format compatible
-  Cycle time: 30 sec./1 rack
-  38 Kg / 84 lbs
-  115 - 230 Volt
-  No adapters required
-  590 x 251 x 460 mm

Univo Electric Capper CP480/CP860

MP35020 & MP35021










-  For Push Caps
-  96-well format compatible
-  Cycle time: 7 sec./1 rack
-  14 & 16 Kg / 31 & 35 lbs
-  115 - 230 Volt
-  No adapters required
-  312 x 209 x 286 & (324) mm

Univo Electric Decapper DC480

MP35000



-  For Push Caps
-  96-well format compatible
-  Cycle time: 8 sec./1 rack
-  25 Kg / 55 lbs
-  115 - 230 Volt
-  No adapters required
-  135 x 40 x 29 mm