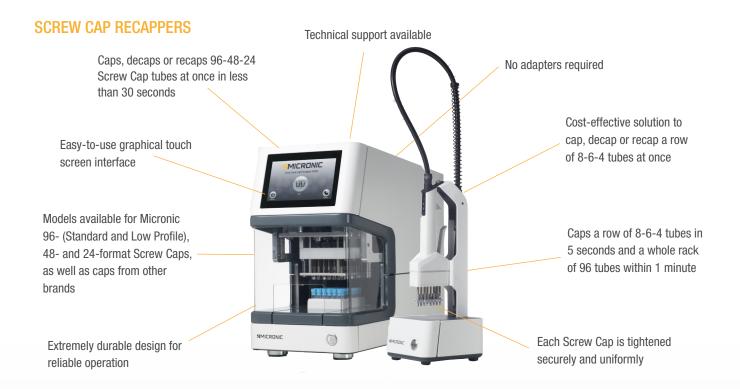
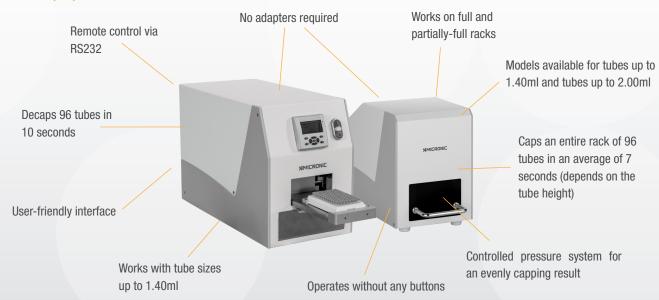
SUPERIOR CAPPER FEATURES



PUSH CAP (DE)CAPPERS



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	Push Cap Capper CP600	Push Cap Capper CP610	Push Cap Decapper CP620
Basic Features Equipment type	Recapper	Recapper	Recapper	Recapper	Capper	Capper	Decapper
Push or Screw Caps Rack compatibility	Screw Caps 96-well	Screw Caps 48/24-well	Screw Caps 96-well	Screw Caps 48/24-well	Push Caps 96-well	Push Caps 96-well	Push Caps 96-well
Tube compatibility Cycle time (whole rack)*	Up to 2.00ml 60 seconds	Up to 6.00ml 45 seconds	Up to 1.40ml 30 seconds	Up to 6.00ml 30 seconds	Up to 1.40ml 7 seconds	Up to 2.00ml 7 seconds	Up to 1.40m
Dimensions (mm)	178 x 161 x 710	178 x 161 x 710	590 x 251 x 460	590 x 251 x 460	312 x 209 x 286	312 x 209 x 324	531 x 258 x 36
Weight	5.5kg	5.5kg	38kg	38kg	14kg	16kg	25kg
Adapters required	No	No	No	No	No	No	No
Voltage	115-230V	115-230V	115-230V	115-230V	115-230V	115-230V	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.



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BROCHURE



CAPPING & DECAPPING RANGE

Manual and Automated Equipment



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 Push Cap Capper CP400 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.

Manual Push Cap Decappers

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



For Push Caps



96-well format compatible





57 x 50 x 11 mm (-1) 90 x 72 x 11 mm (-8)

Push Cap Capper CP400

MP35050



For Push Caps



96-well format compatible



Adapters required

J→ 130 x 19 mm 262 x 185 x 164 mm

Screw Cap

Recapper CS100/10/20

MP35480, MP35490 & MP35492

For Screw Caps

24/48/96-well format compatible

compatible

Light weight

kg

AUTOMATED CAPPING & DECAPPING SYSTEMS

To accelerate your capping and decapping process, Micronic offers a complete range of automated (De)Capping devices. 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. Add the docking station to the CS500, CS510 or CS520 and be assured of consistent capping. 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 Micronic Push Cap Cappers CP600 and CP610 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 Micronic Cappers seal an entire rack of 96 tubes within approximately 7 seconds and have a guaranteed evenly capping result. With the ever-growing demand for higher sample throughput in many laboratories, the Micronic Cap Decapper CP620 enables significant productivity gains to be made in the opening of multiple sample storage tubes capped with Push Caps. The CP620 is able to decap 96 tubes in 10 seconds. Through a friendly user interface you can choose the right rack to decap, without using different adapters.

Screw Cap Recapper CS500









96-well format compatible



Cycle time: 5 sec./8 tubes



115 - 230 Volt



No adapters required

178 x 161 x 710 mm

Screw Cap Recapper CS510/CS520

MP35441 & MP35446

For Screw Caps

5.5 Kg / 12.0 lbs

115 - 230 Volt

No adapters required

178 x 161 x 710 mm

24/48-well format compatible

Cycle time: 5 sec./4 or 6 tubes





For Screw Caps



Cycle time: 30 sec./1 rack



115 - 230 Volt



Screw Cap

Recapper CS700 MP35450





38 Kg / 84 lbs

590 x 251 x 460 mm

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



Micronic Push Cap

Decapper CP620

MP35000

Screw Cap Recapper CS710/720

MP35470 & MP35475



an optimal sealing performance.

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

Micronic Push Cap Capper CP600/CP610

MP35020 & MP35021



115 - 230 Volt

No adapters required

312 x 209 x 286 & (324) mm

For Push Caps

96-well format compatible

Cycle time: 7 sec./1 rack 14 & 16 Kg / 31 & 35 lbs

No adapters required

→ 531 x 258 x 366 mm

For Push Caps 96-well format compatible Cycle time: 10 sec./1 rack 25 Kg / 55 lbs # 115 - 230 Volt