

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	Push Cap Copper CP600	Push Cap Copper CP610	Push Cap Decapper CP620
<b>Basic Features</b> 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 15 seconds
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	550 x 255 x 360
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

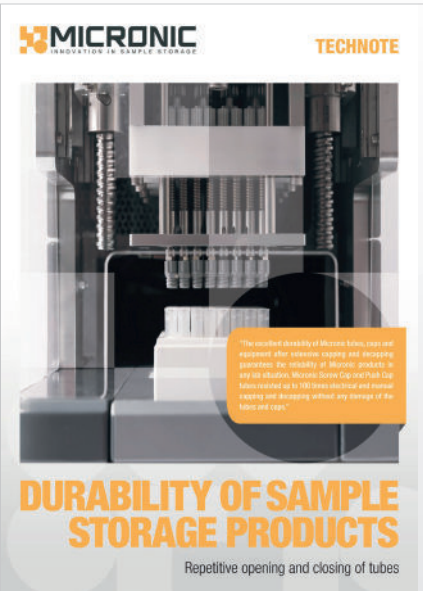
\* The cycle time can vary depending on the tube type used.

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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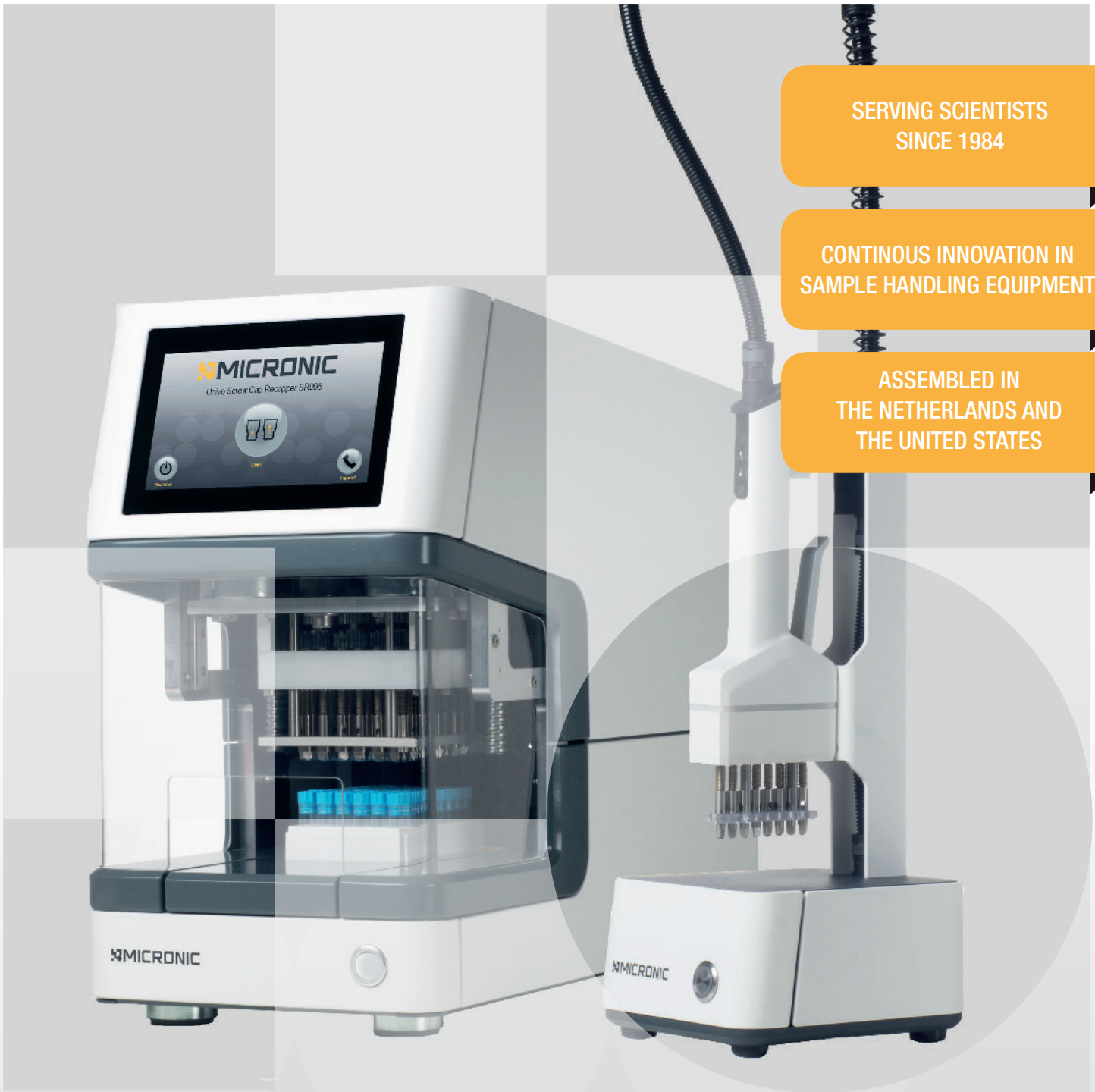
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BROCHURE



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 Aluminium 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.

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 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)

Push Cap Capper CP400

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

Micronic Push Cap Capper CP600/CP610

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

Micronic Push Cap Decapper CP620

MP35000



 For Push Caps

 96-well format compatible

 Cycle time: 15 sec./1 rack

 25 Kg / 55 lbs

 115 - 230 Volt

 No adapters required

 550 x 255 x 360 mm