

Devices

REMP Capping/Decapping Family

REMP 96 Tube Technology™ offers researchers a unique, efficient and unprecedented solution for managing and securing samples. The use of its consumables and instruments virtually eliminates the risk of sample degradation arising from multiple freeze-thaw cycles by providing the flexibility of random, rapid and individual selection and arrangement of only needed samples and the ability to cap and uncapse these samples multiple times with either manual or automated devices through the REMF Capping/Decapping Instruments.

Easy Access to Samples

Samples can be secured within a REMF 96 Storage Tube Rack, in both the 300ul and 900ul tube versions, by manually applying a REMF Capmat96 with either a REMF MCA™ (Manual Capmat Applicator) or REMF MCP™ (Manual Capping Press). The REMF Capmat96 is designed so that it remains securely in place during freeze/thaw cycles or under some elevated internal gas pressures, unlike traditional capmats, and can be easily and repeatedly removed and applied for access to samples without compromising itself, unlike other septum-caps.

When these secured samples need to be accessed, REMF provides researchers a choice of three reliable and simple instruments to cap and uncapse these tubes. The REMF MCD1™ (Manual Capper/Decapper, Single Position) is a manual device that is able to remove

and apply a single cap to any individual tube. The REMF MCD8™ (Manual Capper/Decapper, Eight Position) is another manual device that is able to remove and apply caps from a row of eight tubes. The REMF ACD96™ (Automated Capper/Decapper, 96 Position) is an automated device that is able to remove and apply all caps from tubes within a REMF 96 Storage Tube Rack at once.



| REMP Capping/Decapping Family

REMP MCP™ (Manual Capping Press)

Technical Information

Features and Benefits:

- Firmly applies the Capmat96 to tubes within a REMP 96 Storage Tube Rack.
- Manual, lever-actuated operation is simple and easy-to-use.
- Compact, lightweight and portable bench-top design.
- Requires no electrical or air connections.

Technical Specifications:

- Dimensions: 350mm x 163mm x 131mm [13.8" x 6.4" x 5.2"] (LxWxH)
- Weight: 4.8kg [10.5lbs]

REMP MCA™ (Manual Capmat Applicator)

Technical Information

Features and Benefits:

- Firmly applies the Capmat96 to tubes within a REMP 96 Storage Tube Rack while removing the webbing from the Capmat itself to create individually capped tubes.
- Manual, lever-actuated operation is simple and easy-to-use.
- Compact, lightweight and portable bench-top design.
- Requires no electrical or air connections.

Technical Specifications:

- Dimensions: 383mm x 163mm x 166mm [15" x 6.4" x 6.5"] (LxWxH)
- Weight: 6.8kg [15lbs]



REMP MCD1™ (Manual Capper/Decapper, Single Position)

Technical Information

Features and Benefits:

- Pen-like instrument that is used to manually remove and apply single caps to any tube.
- Manual, thumb-press operation is simple and easy-to-use.

Technical Specifications:

- Dimensions: 130mm x 87mm x 5mm [5.1" x 3.4" x 0.2"] (LxWxH)
- Weight: 0.2kg [0.4lbs]



REMP MCP™
(Manual Capping Press)

REMP MCA™
(Manual Capmat Applicator)



**REMP MCD8™ (Manual Capper/
Decapper, Eight Position)**

Technical Information

Features and Benefits:

- Instrument that is able to remove and apply caps from an entire row of eight tubes.
- Dial present on the instrument to specify which row to remove and apply caps.
- Manual, lever-actuated operation is simple and easy-to-use.
- Compact, lightweight and portable bench-top design.

Technical Specifications:

- Dimensions: 391mm x 143mm x 313mm [15.4" x 5.6" x 12.3"] (LxWxH)
- Weight: 3.8kg [8.4lbs]

**REMP ACD96™ (Automated
Capper/Decapper, 96 Position)**

Technical Information

Features and Benefits:

- Automatically uncaps and re-caps all tubes within a 96 Storage Tube Rack (STBR96).
- Temporarily holds all caps that have been removed from an STBR96, while samples are accessed from uncapped tubes at another instrument.
- Instrument can be integrated into an automated system or used as a standalone device.
- Compact, lightweight and portable bench-top design.

Performance:

- Cycle time: roughly 5s – 7s



Operating Requirements:

- Electrical: 120/230 VAC, 50/60Hz
- Air: 6 bar [87 psi] – filtered, oil-less compressed air
- Integration: digital I/O or RS232 (controlled via REMF ActiveX Device Interface Software)

Technical Specifications:

- Dimensions: 444mm x 187mm x 560mm [17.5" x 7.4" x 22"] (LxWxH)
- Weight: 26kg [57.3lbs]

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