sepmag®
Smart & Scalable
Magnetic Bead Separators

Solutions for R&D

From 1.5ml to 400ml

Monitor, standardize and scale-up

Monitor and Measure in real-time.

Our MONITOR software and hardware tracks every experiment, helping you analyze, understand, and quantify the results effectively.

Standardize and Validate the process

Establish uniform protocols and confirm accuracy.

Full scalability.

Its well-defined separation conditions guarantee direct transfer to production or larger volumes. Just use a bigger vessel with the Sepmag separator.

High recovery and yield.

Efficient retrieval of the target biomolecules or cells bound to the magnetic beads, minimizing loss during the separation process.

The Sepmag A scale-up systems provide constant magnetophoretic conditions throughout the separation area, enabling reproducible results across varying volumes. Users can scale from 1.5 ml microtubes to 200 ml or 400 ml samples. The MONITOR system provides real-time insights into magnetic separation performance under changing parameters.

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sepmag® A, change your suspension and monitor the effects

	Dimensions and weight				Caution distances	
Model	ø int	ø ext	H	Weight	ø	H
sepmag A200ml, Bottle size 250ml Sample Volume from 100ml to 200ml.	80 mm	176 mm	67 mm	4.2 Kg	315 mm	250 mm
sepmag A400ml, Bottle size 500ml Sample Volume from 200ml to 400ml.	96 mm	206 mm	67 mm	5.7 Kg	340 mm	262 mm

Monitoring & Magnetic Performance

Although we highly recommend utilizing the monitoring functionality of the Sepmag LITE, LAB or CELL for real- time process control and enhanced reproducibility, the **magnetic performance of the plates remains unchanged with or without monitoring.**

Users can be confident that the separation efficiency, speed, and consistency are maintained regardless of whether the monitoring feature is activated.

Adaptors

Select up to 4 tubes from the table. If a 50ml is included, the total limit is 3.

Tube Size	Sample Volume	
	Min.	Max.
1.5 ml	0.5 ml	1 ml
2 ml	1 ml	1.5 ml
15 ml	3.5 ml	9 ml
50 ml	17.5 ml	35 ml

Specifications

- Magnetic separators are designed for centrifuge tubes.
- Minimum standalone monitoring system requirements: Windows PC or tablet with Core i5 (or equivalent) processor, 8 GB RAM, one USB port, and Windows 10 (64-bit) or later.

Any questions?
Contact us at contact@sepmag.eu or here!

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