

Solutions for Small Volumes

From 1.5ml to 50ml

Understand and Reproduce your separation process



Monitor and Measure in real-time.

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



Reproducibility.

Achieve consistent and reliable separation results across multiple experiments.



Prevents aggregation.

Our systems expose all the beads to the same conditions and avoid aggregation.



High recovery and yield

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



Smart magnetic bead separators enable consistent and reproducible separations by applying a constant magnetic force, ensuring uniform bead movement, and allowing easy protocol transfer between vessels by adjusting only the separation time.



sepmag LITE

Application: Ideal for **IVD, Protein and Antibody purification**
Standard magnetic force
Select 3-4 tubes from table



sepmag LAB

Application: Ideal for **Nucleic Acid extraction**
Extra magnetic force
Select 1-4 tubes from table



sepmag CELL

Application: Ideal for **Cell isolation**
Maximum magnetic force
Select 1 tube from table

Tube Size	Sample Volume	
	Min.	Max.
1.5 ml	0.5 ml	1.5 ml
2 ml	1 ml	2 ml
15 ml	4.5 ml	9 ml
50 ml	17.5 ml	35 ml

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.

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.

Model	Dimensions and weight		
	ø ext	H	Weight
sepmag LITE	139 mm	77 mm	1,5 Kg
sepmag LAB	137 mm	77 mm	0,9 Kg
sepmag CELL	137 mm	82 mm	1,8 Kg

Any questions?

Contact us at contact@sepmag.eu or [here!](#)

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