

# Solutions for R&D and small volumes: monitor your biomagnetic separation process



## Monitor in real-time.

Our MONITOR software and hardware measures optical changes in the suspension, displaying its behavior and comparing different compositions.



## Well-defined magnetic separation conditions.

Applying a well-defined magnetic force to the entire sample means variations are restricted to suspension characteristics (particles, buffer, ...).



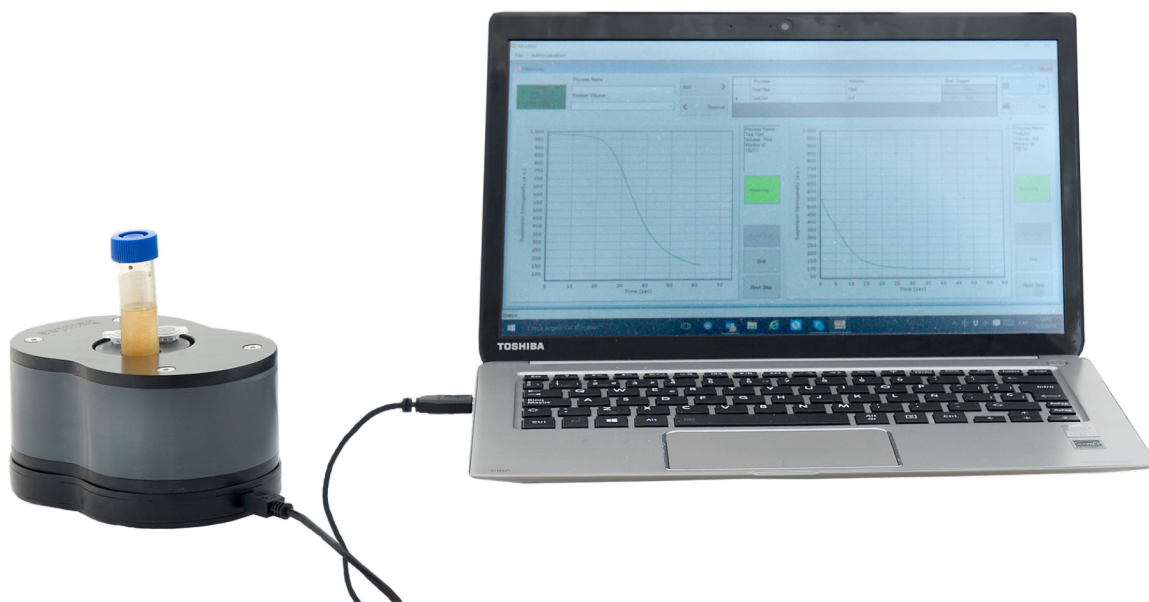
## Full scalability.

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



## Safe system.

Big magnets can be dangerous. Our systems are designed to operate near computers and avoid risks for the operators.



# sepmag<sup>®</sup> LAB, change your suspension and monitor the effects

Magnetic separation makes it possible to substitute filtration, centrifugation and separation techniques with a quick, efficient and clean process. At laboratory scale, Sepmag proprietary technology generates homogeneous magnetic force patterns at their large volume bore, with minimum stray fields.

This approach results in no aggregation issues, works with well defined magnetic separation conditions, and has the ability to handle different volumes.

For volumes from 1 to 50 ml, the **sepmag<sup>®</sup> LAB** series offers a combination of a strong separation force and easy re-suspension, which is especially suited to viscous media and/or small magnetic beads/particles.

Processes are monitored and recorded using the **MONITOR** hardware and software, which enables the operator to explore the effects of bead size, concentration or buffer conditions on the separation time.



## Characteristics

Model	Dimensions and weight				Caution distances	
	ø int	ø ext	H	Weight	ø	H
sepmag LAB For small tubes (1.5-50 ml), filled up to 50 mm	44 mm	137/90 mm	52 mm	0.9 Kg	164 mm	167 mm
sepmag LAB L For small tubes (1.5-50 ml), filled up to 90 mm	44 mm	137/90 mm	92 mm	1.5 Kg	164 mm	210 mm

## Adaptors

- MLAB210: 2 x 2 ml centrifuge tubes, 1x 15 ml centrifuge tube.
- MLAB001: 1x 50 ml centrifuge tube.

**Any questions?**

**Do you need customized systems?**

**Contact us at [contact@sepmag.eu](mailto:contact@sepmag.eu)**