

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, ...).



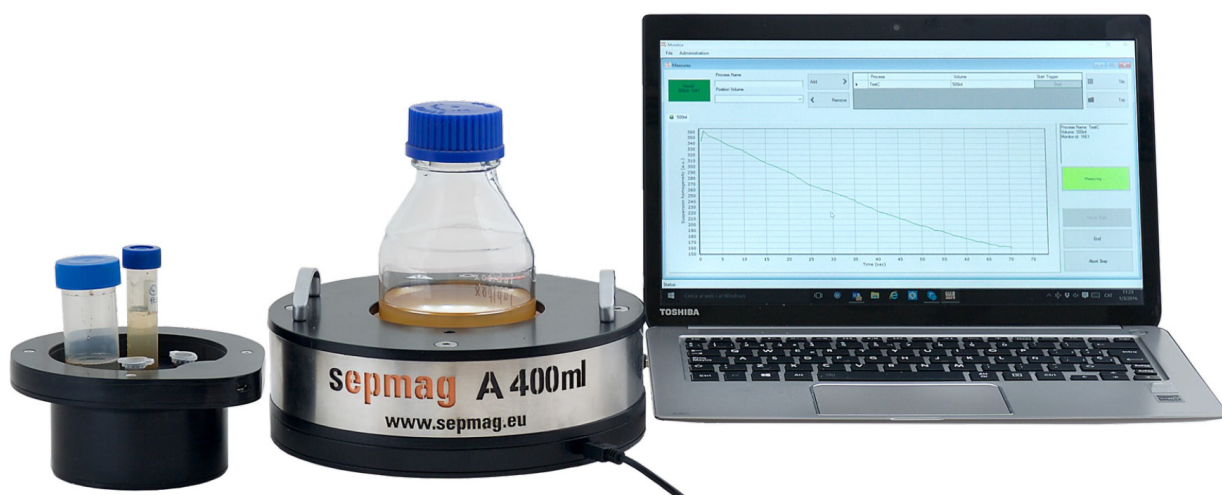
Full scalability.

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[®] A, change your suspension and monitor the effects

The **sepmag[®] A** scale-up systems take advantage of the reproducible technology in which magnetophoretic conditions anywhere inside the system ring are constant. Users often need to work with a wide range of volumes, starting with small tubes and increasing sample size when processes are optimized or simply when sample volumes vary.

With **sepmag[®] A** systems, users can start working with 1.5 ml micro tubes and scale up to either 200 ml (A200ml) or 400 ml (A400ml) volumes. A standard

holder for different tubes is provided with each system but customizable adaptors can be supplied to suit users' requirements.

Processes are monitored and recorded using our **MONITOR** hardware and software, which allows the operator to explore the effects of bead size, distribution, concentration and buffer conditions on the separation process.



Characteristics

Model	Dimensions and weight				Caution distances	
	ø int	ø ext	H	Weight	ø	H
sepmag A200ml, optimized for 250 ml bottles For small tubes (1.5-50 ml), when using adaptors	80 mm	176 mm	67 mm	4.2 Kg	315 mm	250 mm
sepmag A400ml, optimized for 500 ml bottles For small tubes (1.5-50 ml), when using adaptors	96 mm	206 mm	67 mm	5.7 Kg	340 mm	262 mm

Adaptors

- MA211: 2 x 2 ml centrifuge tubes, 1x 15 ml centrifuge tube, 1 x 50 ml centrifuge tube.
- MA400: 4 x 2 ml centrifuge tubes.
- MA022: 2 x 15 ml centrifuge tubes, 2 x 50 ml centrifuge tubes.

Any questions?
Do you need customized systems?
Contact us at contact@sepmag.eu