

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

- **Real-time monitoring.**

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

- **Well-defined magnetic separation conditions.**

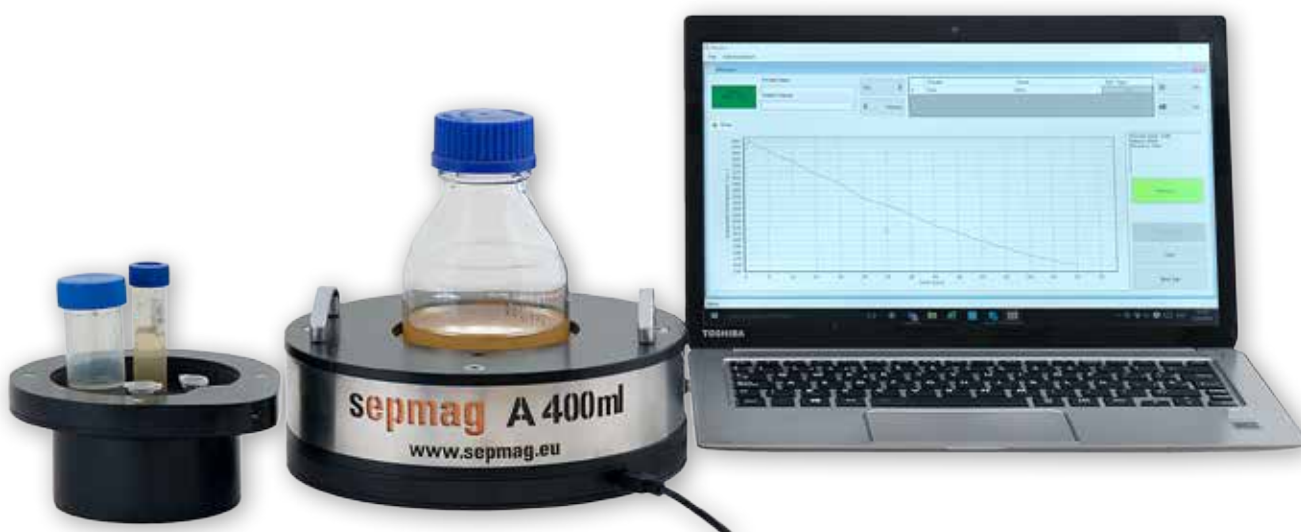
Applying a well-defined magnetic force to the entire sample means variations are restricted to suspension characteristics (particles, buffer, ...).

- **Fully scalable.**

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

- **Safe system.**

Large magnets can be dangerous. Our systems are designed to operate near computers and to protect operators from risks.



SEPMAG® LAB, change your suspension and monitor the effects

Developing a magnetic bead based IVD kit is a laborious task. End-users often need to work with a wide range of volumes, starting with small tubes and increasing the sample size when processes are optimized or simply when sample volumes vary.

The A serie feature SEPMAG® proprietary biomagnetic separation technology, characterized by homogeneous conditions inside the ring.

With SEPMAG® A Systems, end-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 end-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 time.



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	52 mm	4 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	52 mm	5 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

Sepmag® Systems

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