

## Solutions for production and large volumes to ensure a consistent separation process

- **Process Control.**

Our QCR software & hardware traces each process and compares it with the defined standard.

- **No loss of material.**

- **Assures scalability.**

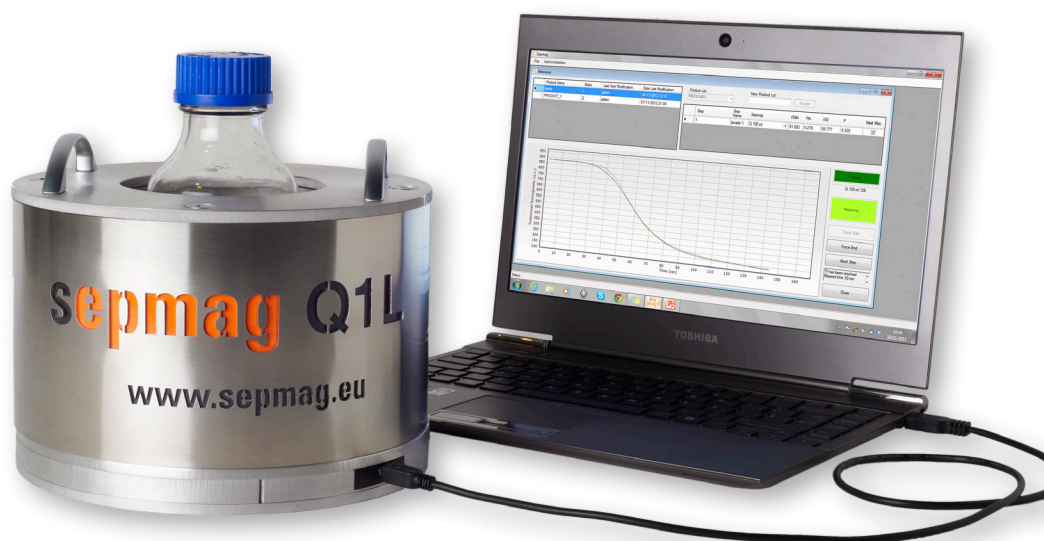
From ml to tens of liters including custom vessels.

- **Prevents aggregation.**

Our biomagnetic separation systems generate a constant force over the entire working volume, exposing all the beads to the same conditions and avoiding aggregation.

- **Safe systems on all sizes.**

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



# SEPMAG® Q, for large volume glass / borosilicate bottles for a consistent separation process

Production departments need an efficient and economical process to produce batches of several liters, with sufficient throughputs to meet demand and prevent particle loss. SEPMAG® Q is a biomagnetic separation technology specifically developed to process large batch volumes in nucleic acid separation, protein purification, cell isolation, biocatalysts, therapeutics and diagnostics.

This proprietary technology generates homogeneous magnetic force patterns at their large volume bore, with minimum stray

fields. The approach results in high throughput, easy handling and safe operation, as well as simplifying the validation and quality assurance of the processes.

The SEPMAG® Q series incorporates the QUALITANCE system, enabling operators to monitor the entire magnetic separation process. Problems with bead size, distribution, concentration or buffer conditions can be detected early on so that immediate corrective actions can be taken, rather than having to wait for QC, hours, days or weeks later.



## Characteristics

Model	Dimensions and weight				Caution distances	
	ø int	ø ext	H	Weight	ø	H
SEPMAG® Q250ml	80 mm	176 mm	110 mm	7.7 Kg	325 mm	304 mm
SEPMAG® Q500ml	96 mm	206 mm	110 mm	10 Kg	368 mm	336 mm
SEPMAG® Q1L	111 mm	228 mm	152 mm	18 Kg	410 mm	404 mm
SEPMAG® Q2L	155 mm	332 mm	161 mm	42 Kg	628 mm	555 mm
SEPMAG® Q5L	195 mm	372 mm	205 mm	66 Kg	740 mm	670 mm
SEPMAG® Q10L	237 mm	462 mm	253 mm	138 Kg	850 mm	901 mm
SEPMAG® Q20L	298 mm	580 mm	356 mm	331 Kg	1250 mm	1135 mm

**Any questions?**  
**Do you need customized systems?**  
**Contact us at [contact@sepmag.eu](mailto:contact@sepmag.eu)**

## Sepmag® Systems

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