

## 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.

- **Avoid 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® N, for large volume plastic 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® N 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® N 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 immediate corrective actions can be taken, rather than having to wait for QC is hours, days or weeks later.



## Characteristics

Model	Dimensions and weight				Caution distances	
	ø int	ø ext	H	Weight	ø	H
SEPMAG® N250ml	70 mm	174 mm	105 mm	7 Kg	305 mm	288 mm
SEPMAG® N500ml	80 mm	176 mm	147 mm	11 Kg	338 mm	313 mm
SEPMAG® N1L	98 mm	206 mm	147 mm	14 Kg	435 mm	340 mm
SEPMAG® N2L	125 mm	286 mm	201 mm	43 Kg	504 mm	580 mm
SEPMAG® N5L	165 mm	331 mm	245 mm	67 Kg		
SEPMAG® N10L	255 mm	530 mm	270 mm	185 Kg	1070 mm	960 mm

**Any questions?**

**Do you need customized systems?**

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

**Sepmag® Systems**

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