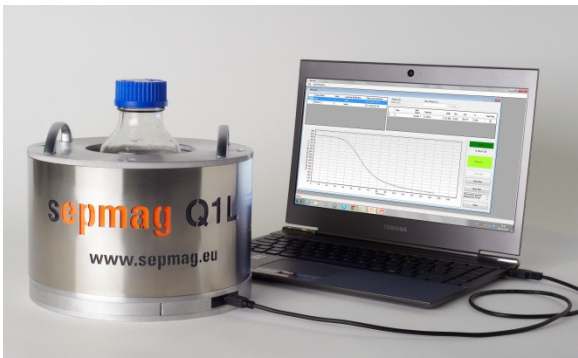
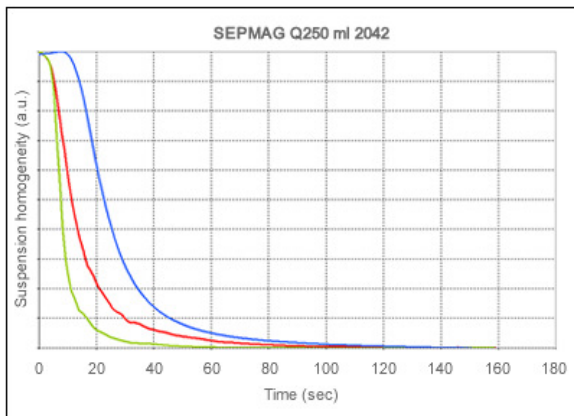


PRODUCT NOTE

SEPMAG Q, for homogeneous and large volume separations



SEPMAG Q 1L

Production departments need an efficient and economical process to produce batches of several liters, with throughputs high enough to meet demand and avoid particle losses. 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 uses permanent magnets to generate homogeneous magnetic force patterns at their large volume bore, with minimum stray fields. This 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 Quality Control Recording (QCR) system, allowing the operator to monitor the complete magnetic separation process. Problems associated with bead size, distribution, concentration or buffer conditions can be detected earlier so immediate corrective actions can be taken, rather than having to wait until QC is performed hours, days or weeks later.

Advantages & Benefits

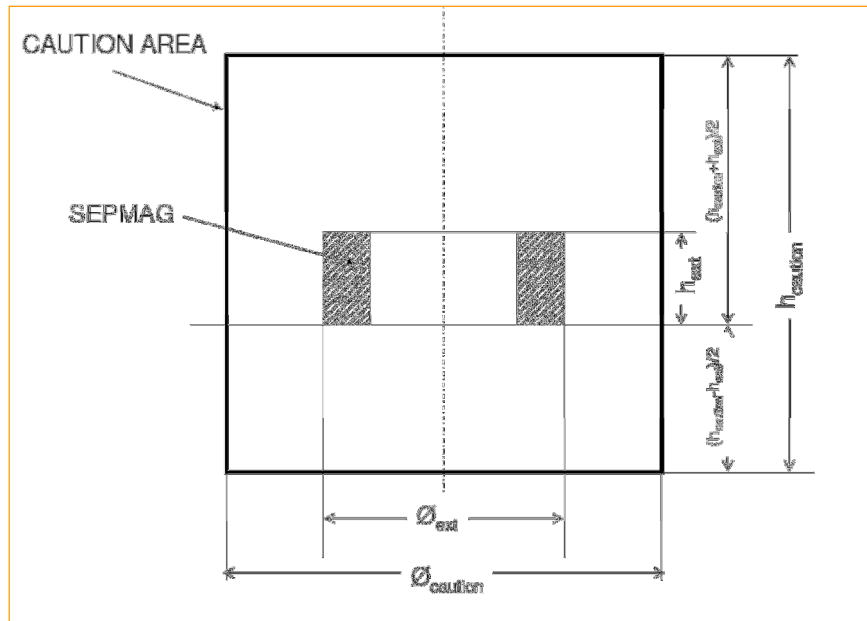
- **Eliminate assay variability:** homogeneity, consistency and reproducibility.
- **Highest recovery** of biomolecules and beads: minimal material loss.
- **No re-suspension** problems, minimum aggregation.
- **Easy scale-up.** No process re-engineering and no need to revalidate.
- **Quality Assurance: monitor and record separation process.**
- Easy validation.
- Safe operation.
- No maintenance and operating costs.

Sepmag Systems

CENT - Parc Tecnològic del Vallès
08290 Cerdanyola del Vallès
Barcelona (Spain)

<http://www.sepmag.eu>

Characteristics



| MODEL | Dimensions and weight | | | | Caution distances | |
|--------|------------------------|------------------------|--------|-------------|--------------------|--------|
| | \varnothing int (mm) | \varnothing ext (mm) | H (mm) | Weight (Kg) | \varnothing (mm) | H (mm) |
| Q100ml | 62 | 160 | 62 | 3.5 | 270 | 226 |
| Q250ml | 80 | 176 | 105 | 7.5 | 325 | 304 |
| Q500ml | 96 | 206 | 105 | 10 | 368 | 336 |
| Q1L | 111 | 226 | 147 | 17 | 410 | 404 |
| Q2L | 155 | 332 | 157 | 41 | 628 | 555 |
| Q5L | 195 | 372 | 201 | 65 | 742 | 712 |
| Q10L | 237 | 462 | 245 | 135 | 900 | 850 |
| Q15L | 278 | 566 | 289 | 235 | 1300 | 1250 |
| Q20L | 302 | 626 | 333 | 313 | 1500 | 1450 |

Important: For special requirements or geometries, please [contact us](#).

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