

## LifeSep® SpeedSep™ 5000

### Bulk Magnetic Separation Station

#### SPEEDSEP™ SPECIFICATIONS:

- > 3-way rocker switch to:
  - > Reverse direction
  - > Stop motor
- > Options
  - > Integrated stirring
  - > Integrated heating
  - > Cart
  - > Indicator LEDs
  - > Drain valve (disposable)
- > Electrical power:
  - > 12V @ 2A input
  - > 120/240V external wall / desktop adapter

#### ABOUT LIFESEP®

Dexter Magnetic Technologies is the premier provider of biomagnetic separation devices with its patented LifeSep® technology. In the most demanding process requirements, from nano-sized particle capture to continuous flow separation, we supply the technology for increased productivity.

Our technical focus enables us to understand protocols and bead separation systems. For new and existing products, we can collaborate on methods to improve rate of magnetic separation, improve wall retention, reduce cycle times and maximize yield. From single tube devices to tray units and automated solutions, we are your source for magnet expertise in separators.

The SpeedSep™ 5000 is a compact, durable and an easy-to-use unit designed to accommodate a 5000 mL vessel for large scale magnetic particle processing in the life sciences segment.

By placing a bottle/vessel into the separator, our high-energy, patented neodymium-iron-boron [Nd-Fe-B] magnet configuration will quickly draw super paramagnetic particles and isolate them in the solution. Once separation is complete, the particles are held firmly in place along the inner wall and off the bottom of the tube or vessel. The solution can then be drained.



#### Product Characteristics

Part No.	Volume (mL)	Height (mm)	Width (mm)	Weight (kg)	Vessel Diam. (mm)
2905015	5000	479	762	81.6	152.4

#### Product Benefits:

- > Easily cleaned by standard processes
- > Metal option for heating
- > Open access and visibility
- > Improved yields
- > High throughput

**Care:** The SpeedSep™ 5000 can be cleaned with mild detergent but should not be submerged in aqueous solutions. An annual maintenance program is provided for reliable performance. We offer maintenance agreements along with a one (1) year warranty.

**Caution - Strong Magnetic Field:** Separators should be handled with care and stored at a safe distance from magnetic media including computer hard drives, disks and credit cards. For more handling information, visit our website.