

	BIO-PM 4.10 Centrifuges	
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	<i>Document Manager: Kristin Schelling</i>	<i>Approved By: Jeffrey Nye</i>

4.10 Centrifuges

4.10.1 Scope

Routine operation and maintenance of laboratory centrifuges for optimum performance are given.

4.10.2 Background Information

4.10.2.1

See operations manuals for specific information.

4.10.2.2

DuPont MicroSpin Centrifuge
 DuPont Sorvall RT6000D Centrifuge (refrigerated)
 Savant Speedfuge HSC 10K Centrifuge (refrigerated)
 Savant Speedfuge SFG 10K Centrifuge
 Fisher Microfuge Centrifuge

4.10.3 Procedure/Operation

4.10.3.1

Open lid

4.10.3.2

Insert desired rotor and load samples into centrifuge. (Always load samples into rotor symmetrically; imbalance can cause jerky operation and/or damage).

4.10.3.3

Close lid

4.10.3.4

Select the following parameters (specific to centrifuge used):

- A. Speed
- B. Brake intensity
- C. Temperature
- D. Time of operation

4.10.3.5

Centrifuge will stop automatically when set time has elapsed.

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4.10.4 Maintenance

4.10.4.1

Lids should be kept closed when not in use.

4.10.4.2

Clean and disinfect on routine basis.

4.10.4.3

Inspect the motor brushes annually and replace if necessary.