

WOLF LABORATORIES

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Discovery™ M120 SE Microultracentrifuge



Fastest. Smallest. Quietest.

The optimal combination of performance and rapid, small volume sample processing. New 4x5mL swinging bucket rotor.

The Discovery™ M120 SE processes sample sizes from 0.2 ml to 8.3 ml, with a small floor footprint, brushless direct drive, very quiet operation, rotor imbalance detection, thermoelectric cooling, and automatic rotor locking.

Features and Benefits

- Saves time
 - Capable of ~770,000 *g* centrifugal force
 - Can accelerate to maximum speed in less than 2 minutes
 - Significantly reduces separation times
- Saves space
 - Floor standing configuration frees valuable lab bench space
 - Compact size - less than a fourth of the space required by conventional models
- Extremely quiet operation
 - noise levels at or below 48dBA
- Easy to use
 - Centrifugal catch automatically secures rotor to drive - not tools necessary
 - Run control of maximum speed of *g* - force
 - Simultaneous display of both set and run parameters
 - Unique run status icons provide constant feedback
 - Intuitive real-time control system
- Increased Capacity
 - New S52-ST swinging bucket rotor spins up to 20 mL per run
 - S80-AT3 fixed-angle rotor is capable of processing 8 ml samples
- Rugged reliability
 - Direct brushless drive
 - Thermoelectric cooling system
 - Advanced damper bearing absorbs vibration and enables tubes to be visually balanced
 - Rotor imbalance system protects drive and samples from damage
 - Five-year drive warranty with unlimited revolutions

Additional Specifications

Temperature setrange 0°C to 40°C in 1°C increments
Speed control accuracy ±50 rpm
Programmability 10 stored programs, each with up to 9 steps
Operation modes elapsed time, hold, speed, RCF (*g* force)
Sound level <48dBA (1 m from instrument)
Heat output 0.6 kW/hr (2,000 BTU/hr)