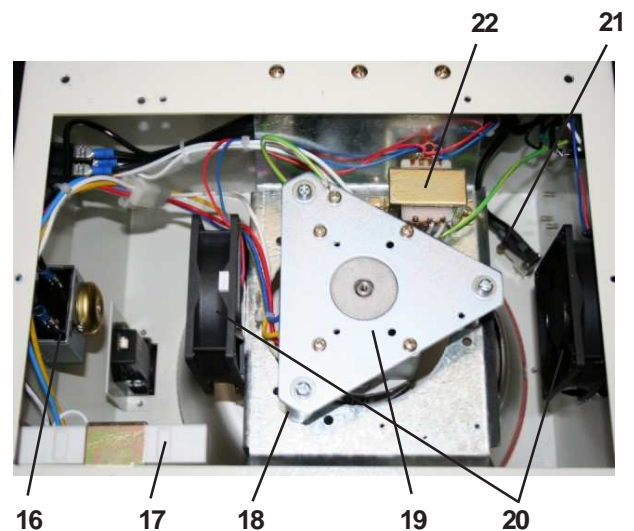
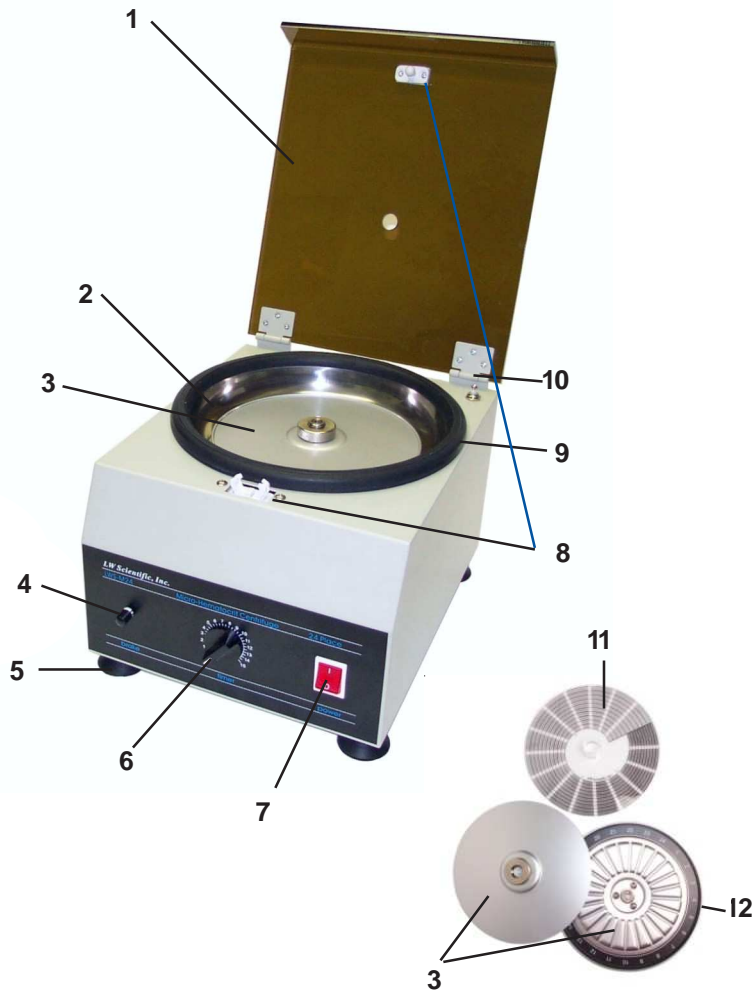


M24 Centrifuge

Service & Parts Manual



Replacement Parts

01	#M24-LID	Lid
02	#M24-BWL	Bowl
03	#M24-RTRTP	Rotor with top
04	#M24-BRK	Break switch
05	#M24-FT	Rubber feet
06	#M24-TMRKN	Timer knob
07	#M24-PWRSW	Power switch
08	#M24-LLTCH	Lid latch
09	#M24-GSKLD	Lid gasket
10	#M24-HNG	Lid hinge
11	#M24-RD	Reader disk
12	#M24-GSKR	Rotor gasket

13	#M24-FANGD	Fan guard
14	#M24-FUSE	Fuse
15	#M24-FUSEHLD	Fuse holder
16	#M24-TMR	Timer
17	#M24-BRKRES	Brake resistor
18	#M24-MTRMT	Motor mount
19	#M24-MTR	Motor
20	#M24-FAN	Fan
21	#M24-SSWTCH	Safety switch
22	#M24-FANBL	Fan ballast

Other Accessories (not shown)

#M24-PIN	Pin for rotor shaft
#M24-L53F12	Brushes, pair
#M24-BSHCP	Brush cap



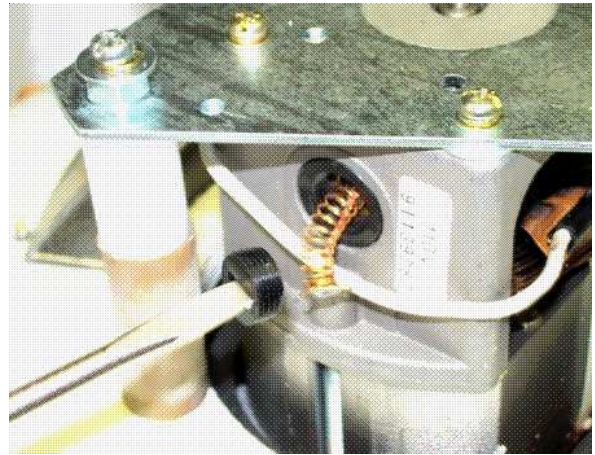
LW Scientific, Inc.

Trouble Shooting

- 1) Light comes on but will not spin...check to make sure the lid safety switch (near back right lid hinge) is engaging. Test by pushing with your finger to see if rotor will spin. The button height can be adjusted by turning it.
- 2) No spin, no light...confirm that your power source is working. Check the 8amp fuse and replace if necessary.
(A good fuse will have a metal rod through the middle of the glass; a burnt fuse will have a broken rod in the middle.)

Brush Replacement

- 1) Unplug the centrifuge, and turn it on its side.
- 2) Remove the feet and all Phillips head screws holding the metal base plate.
- 3) Using a flat head screwdriver, remove the two black caps on the bottom part of the motor.
- 4) Using your fingers, pull the brush out of the recessed hole that the black caps were removed from. The brushes consist of springs with a graphite bar on them.
- 5) Place the new brushes in the recessed hole, and replace the black caps. (See image below)
- 6) Replace the metal base plate and the feet.
- 7) Your **LWS-M24** is now ready to use.



Electrical Diagram

