

Variable Speed Adjustment Unit: AT-3000

PARTS LIST

Part	Qty	Amcon #
1. Motor Housing	1	020-129
2. Bowl	1	020-130
3. Spindle, Morse OStub Taper	1	020-131
4. Rubber Feet	4	020-132
5. Motor Mounting Bolts	4	020-133
6. Slinger	1	(JU-6776) 020-134
7. Variable Controller (with face plate and knob)	1	020-135
8. Cord with Plug (6 feet)	1	020-136
9. Motor	1	020-110
10. 2 ³ / ₄ " Drum Tool Morse O Stub Taper, Sponge, O-Ring, and Velveteen Pad	1	AT-3020
11. Edging Tool, 1" Drum	1	JU-6800
12. Sponge, 1"	1	HA-6801
13. Suction Cup	1	JU-6750
14. Instruction Booklet	1	JU-6808
Options		
15. Foot Pedal	1	AT-3004
16. Reversing Switch	1	AT-3002

One-Year Limited Warranty

Amcon will guarantee the performance of the AT-3000 Modification Unit for one year from purchase date. This one-year warranty includes any defects of parts or workmanship. AT-3000 Adjustment Unit Repair Service is also available.

Please record your purchase date below and retain this warranty with your records.

Purchase Date: _____

Amcon Laboratories • St. Louis, MO 63123
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Amcon MODIFICATION UNIT AT-3000

INSTRUCTION BOOKLET



AMCON The Eyecare Supply
CENTER®

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Amcon Modification Unit

Instructions for Use:

The Amcon modification unit and the tools provided will clean and polish all surfaces of a hard or gas permeable contact lens. The unit comes equipped with a variable speed control. This reduces the risk of damage to the lens associated with over-polishing and heat build-up. Start polishing with a slower setting. A fast speed will increase the chance for surface damage. Modification of a contact lens is an art that is developed through proper instruction and practice.

BEFORE STARTING TO POLISH: Check all lens specifications (power, radius and diameter). Look at the contact lens with a magnifier to observe the amount of deposit build-up and scratches.

TO POLISH THE FRONT SURFACE: Attach the inside of the lens to the flat surface of the stronghold suction cup. Care should be taken to center the lens. Wet the sponge in the 2.75" drum polishing tool with clean water. Apply a good contact lens polish to the center of the tool using a squeeze bottle. The lens surface must be kept wet to avoid overheating. Apply just enough pressure to keep the lens against the surface of the polishing tool. With the lens against the center of the drum tool, make a circular motion while holding onto the suction cup. Continue polishing for 5 seconds. Clean off polish residue and look at lens with magnifier. Repeat the polishing and checking process until deposits are removed. For really stubborn deposits it might be necessary to cover the 2.75" sponge with velveteen and repeat the polishing process. This is a more aggressive way to polish. Do not try to remove all scratches just remove the deposits.

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Over-polishing usually results in a decrease in optical quality. **TO POLISH THE INSIDE SURFACE:** Reverse the tip of the suction cup so the concave surface can hold the front surface of the lens. Center the lens on the suction cup. Put the cone sponge tool on the adjustment unit. Apply clean water and polish to the tool. Bring inside of lens in contact with the center of cone tool allowing point to flatten out and touch the entire inside surface. Each polishing time should be limited to 5 seconds. Clean off polish residue and look at lens with magnifier. Repeat polishing process until lens appears clean. A clean lens will look just like a clean window (no haze). Do not try to remove all scratches.

TO POLISH THE EDGE: Polishing the inside and outside surfaces is usually all that is required. However, should it be necessary to polish the edge of the lens, hold the front surface with the suction cup just as you would if you were going to polish the inside surface. Wet the sponge in the edging tool with clean water and apply polish into the hole. Insert lens into the hole and move it up and down for 5 seconds. This will slightly roll and polish the edge. Repeat polishing if necessary. Check edge with magnifier after cleaning off polish residue. This will not remove chips in the edge but only polish off deposits and slightly round edge.

TO CLEAN: The black slinger on the spindle lifts off allowing for the removal of the tray that catches the polish. This can be cleaned and rinsed with water. All tools and sponges used in polishing should be cleaned and rinsed with water after each use. Make sure all polish residue has been removed. Replace worn sponges when needed.

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