



# Model 0200 OMD

## Owners Manual



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### Important Safety Instructions - Please Save!

**SECURITY WARNING:** Do not attempt to adjust or modify this machine! You might cause it to deviate from DoD certification specifications, and thus lose the ability to declassify to DoD requirements! Refer servicing to qualified personnel or warranty will be void.

**WARNING:** When using any electric machine, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following:

### PLEASE READ ALL INSTRUCTIONS

**CONSIDER WORK AREA ENVIRONMENT:** Don't expose the Model 0200 OMD to rain. Don't use the Model 0200 OMD in wet locations. Keep area well lit.

Don't use the Model 0200 OMD for purposes not intended. Example: don't use for floppy discs or other magnetic storage media.  
**DON'T ABUSE CORD.** Never pull or yank the cord to disconnect from receptacle. Keep cord away from heat, oil, and sharp edges.

**ALWAYS USE** the Model 0200 OMD on a stable work surface.

**MAINTAIN** the Model 0200 OMD WITH CARE. the Model 0200 OMD clean and properly maintained for best and safest performance. Follow instructions for cleaning, maintenance.

Inspect the Model 0200 OMD cord periodically and if damaged, order a replacement cord.

**DISCONNECT** the Model 0200 OMD from outlet before any servicing.

**AVOID UNINTENTIONAL STARTING.** Be sure the POWER SWITCH is OFF when plugging power in.

**CHECK DAMAGED PARTS.** Before further use, a part that is damaged should be checked to determine that it will operate and perform properly.

Do not use the Model 0200 OMD if the power switch does not turn it BOTH on and off.

**DO NOT OPERATE** the Model 0200 OMD near flammable liquids or in gaseous or explosive atmospheres. Motors in the the Model 0200 OMD normally spark internally, and the sparks might ignite fumes. Vacuum units also make sparks internally.

**LET IT BREATHE!** There are TWO air cooling INLETS (on both left and right sides), and an air cooling OUTLET on bottom. Keep air inlets and outlet clear so cooling air can flow easily.

**NEVER** operate the Model 0200 OMD with the cover open or residue bag removed (if Internal Vacuum equipped). Tighten cover securely first!

If machine is not working properly, contact an authorized service center for repair.

### **Double Insulation and GROUNDING**

the Model 0200 OMD is constructed throughout with two separate layers of electrical insulation or one double thickness of insulation between you and the the Model 0200 OMD electrical system. However, Double Insulation is NO SUBSTITUTE for normal safety precautions.

### **Static Buildup and GROUNDING**

Under very dry conditions, it is possible that static electrical charges could build up internally as the the Model 0200 OMD reduces numerous discs to dust. To suppress possible static charge buildups, the Model 0200 OMD is equipped with a 3-prong, grounding-type cord and plug. Do not defeat its purpose. Connect to a Grounded Outlet Only. Do not cut off the grounding pin. Do not use an adapter to bypass the grounding function of the 3-prong plug.

**CAUTION:** When servicing, **USE IDENTICAL REPLACEMENT PARTS ONLY!**

To stop the the Model 0200 OMD immediately, set the **POWER SWITCH** to “**OFF**” position.

**SWITCH OFF** the Model 0200 OMD AND **DISCONNECT FROM POWER SUPPLY BEFORE OPENING COVER.**

Extension Cords: Make sure your extension cord is in good condition. Use one heavy enough to carry the current. An undersized cord will cause loss of power and overheating.

POWER SOURCE: Be sure your power supply agrees with data plate marking. Your the Model 0200 OMD may be operated ONLY with alternating current (“AC”).

VOLTAGE DECREASE of more than 10% will cause loss of power and overheating. Every the Model 0200 OMD is factory tested. If it does not operate properly, check the power supply.

## **Model 0200 OMD SPECIFICATIONS**

**INTENDED USE:** Highest Security Terminal Destruction of all types of optical media - CD, DVD, BLU-RAY, both Recordable and Pre-Recorded, data per U.S. Dept. of Defense Specifications, Standards, and Requirements

**MACHINE SIZE** (With no Internal Vacuum Option, LxWxH): 11.5 x 9.4 x 7.8” (292 x 239 x 198 mm)

**NET WEIGHT:** 14.8 LBS. (6.72 kG)

**POWER REQUIRED:** 110-130 VAC 50-60 Hz, 10 Amp Supply Recommended.

**FUSE:** 10 Amp Slow-Blow

**VACUUM LEVEL REQUIRED** (whether using Internal Vac Option or Externally Provided Vacuum): At least 10” WC suction.

Equivalent to: 24.9mbar or 18.7mmHg or .361 PSIType of RESIDUE OUTPUT: Dust

**CYCLE TIME:** Approximately 7 seconds per disc.

**LUBRICATION REQUIRED:** None

**CONSUMMABLES REQUIRED:** None

**DOD-EVALUATED FOR ALL TYPES** of the following **OPTICAL MEDIA:**

1. Compact Disc (“CD”), Recordable CD (“CD-R”), Rewritable CD (“CD-RW”)
2. DVD - both Pre-Recorded and Recordable (“DVD-R”, “DVD-RW”)
2. Blu-Ray Discs (“BD”), both Pre-Recorded and Recordable.

**WARNING: This machine COMPLETELY DESTROYS the DISC, along with the data.**

### **INCLUDED:**

This Owner’s Manual and power cord.

--If Internal Vacuum Option selected, additional instructions and items are supplied.

## OPTIONAL EQUIPMENT:

1. Internal Vacuum Option: See separate Instructions for this Option.
2. Transport case. 3. Emergency DC Converter (for 12-volt vehicle battery operation)

## INITIAL SETUP:

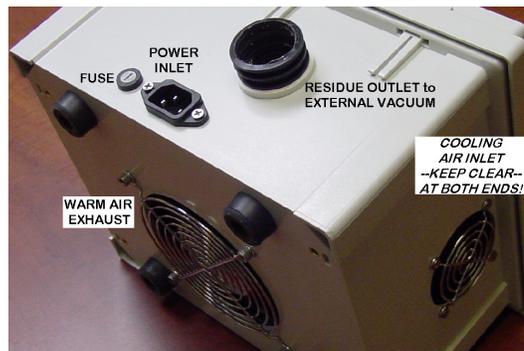
Carefully unpack the Model 0200 OMD. If practicable, SAVE the packing materials in the event that the Model 0200 OMD is later returned for service.

**LOCATION:** Place the Model 0200 OMD on a stable surface, such as a desk or table.

**POWER REQUIRED:** Typically, approx. 6-8 amps @ 115 VAC @ 60 Hz (approx. 920 watts). Starting surge is briefly higher. Check data plate (rear of machine). Make sure power source matches requirements on data plate.

1. Set the front-panel rocker switch to the "OFF" position.
2. Plug the Model 0200 OMD into a GROUNDED outlet.
3. Unless equipped with Internal Vacuum Option: Connect a suitable shop-type vacuum with a standard 1-1/4" nozzle, to the Residue Outlet, rear of machine. Maximum Penetration into the Outlet: 3" (76mm).

**NOTE:** If Vacuum is too weak, this machine will not operate! This is usually due to a full bag or full vacuum canister.



## OPERATOR CONTROLS:

1. Power Switch: Switches all power to the machine ON and OFF.
2. "LOW VAC or BAG FULL" LAMP: Indicates not enough vacuum suction is present for proper operation. When lit, MACHINE WILL NOT PROCESS DISCS, or RUN MANUALLY.
3. "RUN MANUAL" Button: Press this button to run manually (see below).



## NORMAL (AUTOMATIC) OPERATION:

1. Set POWER SWITCH to ON ("I") position. [NOTE: internal cooling fan may quietly run whenever Switch is ON, depending on configuration. Thus, if you will be using the machine frequently, it is perfectly OK to simply leave the SWITCH in the "ON" position.
2. Switch ON Vacuum unit (if configured for External Vacuum). NOTE: Internal Vacuum Sensor disables operation if sufficient Vacuum is not present! Vacuum must be running properly and be connected to the rear Residue Port.



3. Remove sticky labels from disc before processing, if practicable. Failure to do this MAY gum-up the cutter or Drive Roll. If you are unable to remove labels, insert disc with label facing you, this will reduce the chance of cutter gum-up.
4. Firmly insert the CD (disc) to be destroyed all the way into the slot. The Model 0200 OMD will automatically start during this loading process. Continue inserting the disc until machine starts pulling disc downward. Machine will stop automatically when destruction is finished.
6. If you have been running a lot of discs, and fan is running, let the machine cool down for about 5 minutes before switching Power off.

## MANUAL OPERATION:

If you need to process part of a broken disc:

1. Power Switch ON. 2. External Vacuum ON.
3. Insert the disk fragment and press the "RUN MANUAL" Button.

This bypasses the internal disc-detect switch, which might not be triggered if the disk fragment does not pass by it.

4. Hold "RUN MANUAL" Button down until destruction is complete. You will hear a change in the sound when complete.

NOTE: Machine will NOT run, even Manually, if sufficient Vacuum is not present!

Vacuum must be running properly and be connected to the Model 0200 OMD

## MAINTENANCE and ADJUSTMENTS:

**WARNING: DO NOT ATTEMPT DISASSEMBLY WITHOUT A SERVICE MANUAL!**

Disassembly requires special procedures, which are NOT obvious!

Unauthorized disassembly may cause damage not covered by warranty!

Unauthorized disassembly may result in loss of security destruction capability!

**SECURITY WARNING: DO NOT ATTEMPT TO ADJUST OR MODIFY this machine!**

You might cause the Model 0200 OMD to deviate from DOD certification specifications, and thus lose the ability to declassify discs to DOD requirements! Refer servicing to qualified personnel!

Residue Bag (if equipped): See separate Instructions for Internal Vacuum Option.

FUSE: There is a Slow-Blow type fuse on Rear Panel. Replace with exact equivalent only.

Replace Fuse ONLY ONCE! If it blows again, call for service.

### INTERIOR CLEANING:

Set SWITCH to "OFF"! Unplug AC cord!

Inspect the interior at any other time you open the cover. Remove any Residue or dust with an ordinary vacuum cleaner equipped with a small nozzle.

### EXTERIOR CLEANING:

Wipe the exterior of the Model 0200 OMD with a damp cloth. Do NOT use solvents. A mild detergent, such as for use on windows or countertops works very well, and will not harm the exterior surface.

## STANDARD WARRANTY

The Model 0200 OMD is warranted for one calendar year from the date of shipment. We will repair or replace any defective component or defect in materials or workmanship free of charge during the warranty period, subject to the following conditions:

A. SEM may, at its option, exchange an incoming unit for a brand new or factory-refurbished unit.

B. SHIPPING COSTS (Warranty Repairs): Customer pays shipping to us; we pay return shipping within the continental USA.

C. Warranty EXCLUDES:

- 1) Willful neglect, damage, shipping damage (please pack your unit properly with plenty of insulation), and physical abuse;
- 2) Damage due to excessive AC line voltage applied;
- 3) The following (consumable, normal wear-and-tear items): Cutter, Bearings, Residue Bag, roller;
- 4) Damage due to failure to replace the Residue Bag (If equipped with Internal Vacuum Option);
- 5) Introduction of foreign materials into the unit, such as gummed labels, or anything other than Optical Media;
- 6) Overheat damage due to blocked (cooling) air inlets or outlet.

D. This Warranty is VOID if in our opinion, the unit has been improperly repaired, adjusted, or altered.

E. To the extent permitted by applicable law, Applied Magnetics Laboratory, Inc. limits the duration of any implied warranty of merchantability or fitness for a particular purpose to one year and excludes incidental or consequential damages for breach of any warranty on this product.

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