

**VITRECTOMY ENHANCER SYS POSTERIOR 1500E**

**MANUFACTURER: MIDLABS, INC**

**Manufacturer Model# 6200AA**

**Manufacturer's PHONE: (510) 357-3952 FAX: (510) 357-1582**

**Manufacturer's Website: <<http://www.midlabs.com>>**

**Item Web Link:**

**<<http://www.midlabs.com/products/ave.html>>**

**AAC 'L' ITEM NSN 6515-01-585-7465**

**UAs: P419**

**USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301**

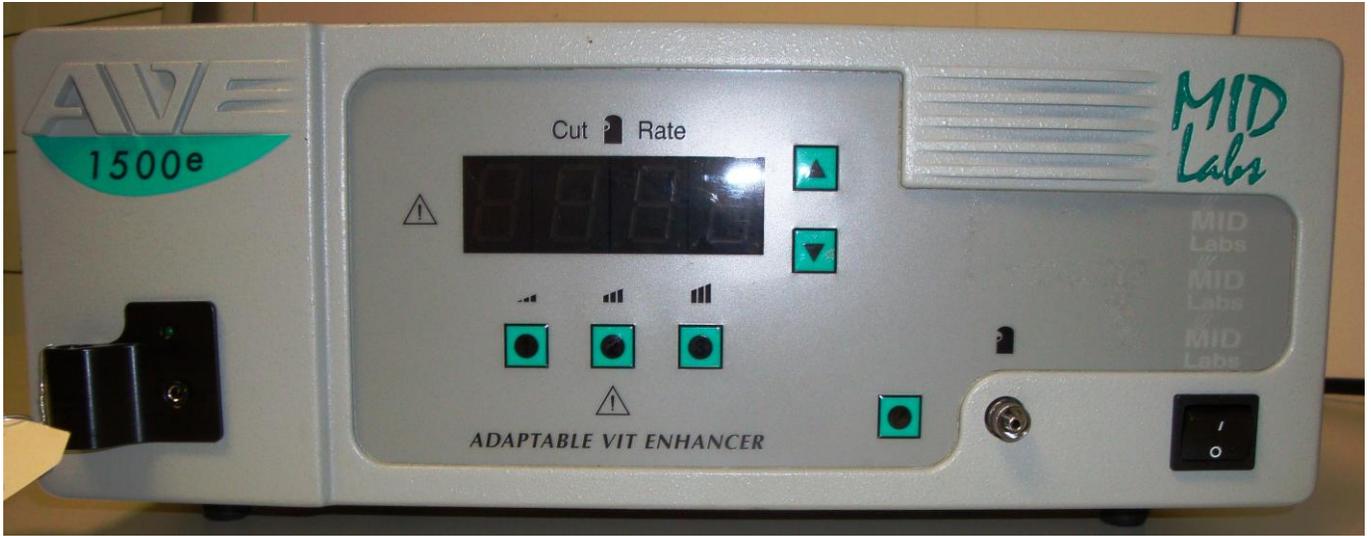
**UNIT PRICE: \$4,275.00**

**System Description:** The Adaptable Vitrectomy Enhancer (AVE) offers vitrectomy system users a sophisticated, yet inexpensive and compact upgrade path to high-speed vitreous cutting. It will work with most vitrectomy systems which currently employ conventional low speed pneumatic vitreous cutters.

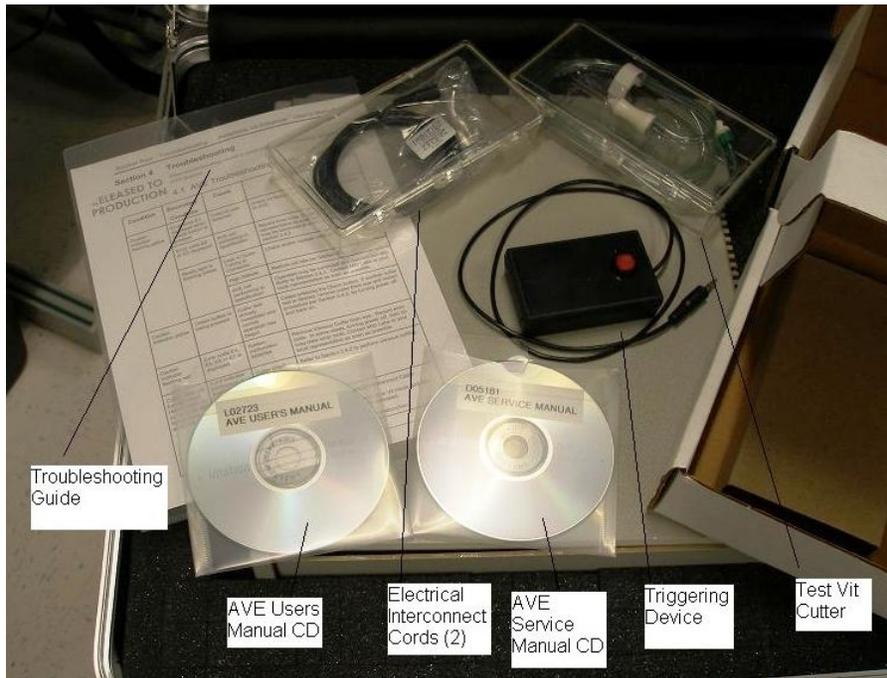
The AVE provides the means of operating a MID Labs LP Vitrector at up to 1500 cuts per minute. It synthesizes a low-pressure, shaped-wave pneumatic pulse train from the Host system's pneumatic output. The AVE is very light as it does not contain a secondary compressor, and it does not require substantial AC power.

The pressure required by the LP Vitrector is one half that of the most popular pneumatic vitrectors. Lower pressure results in less power introduced into the cutter, allowing for finer control, quieter operation and less vibration over the entire cutting range.

**NOTE: The AVE is an accessory of the AMO Sovereign Compact NSN 6515-01-537-6741. It cannot be used as a stand-alone system.**



**ADAPTABLE VITRECTOR ENHANCER 1500E**  
**PART # 6200AA**  
**NSN 6515015857465**



Troubleshooting Guide

AVE Users Manual CD

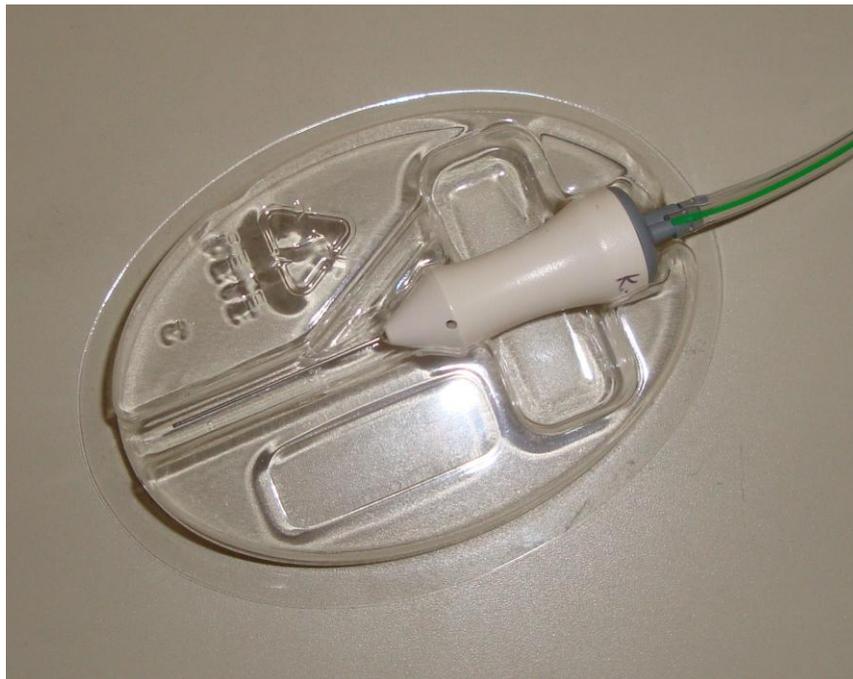
Electrical Interconnect Cords (2)

AVE Service Manual CD

Triggering Device

Test Vit Cutter

**ITEMS SHIPPED WITH AVE**



**ASSY, TEST VITRECTOR CUTTER, AVE  
PART # D05178**



**CASE OPEN  
PART # D05174**



**CASE CLOSED  
PART # D05174**

**VITRECTOMY ENHANCER SYS POSTERIOR 1500E  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>5.4</b>
	<b>Width (Inches)</b>	<b>14</b>
	<b>Length (Inches)</b>	<b>13.5</b>
	<b>Cube (Cubic Feet)</b>	<b>0.5906</b>
	<b>Weight</b>	<b>28 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>14</b>
	<b>Width (Inches)</b>	<b>22</b>
	<b>Length (Inches)</b>	<b>28</b>
	<b>Cube (Cubic Feet)</b>	<b>4.9907</b>
	<b>Weight</b>	<b>61 lbs</b>
<b>Storage Temp</b>		<b>-40 to 158 °F</b>
<b>Operating Temp</b>		<b>59 to 86 °F</b>
<b>Storage Humidity</b>		<b>10 to 100% Including condensation</b>
<b>Operating Humidity</b>		
<b>Amps</b>		<b>0.5</b>
<b>Watts</b>		<b>60</b>
<b>Power Requirements</b>	<b>120-240 VAC ±10%, 50/60 Hz</b>	
<b>Notes</b>		

**VITRECTOMY ENHANCER SYS POSTERIOR 1500E  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN MiDLABS , Inc	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515015857465		Vitrectomy Enhancer Sys Posterior 1500e	6200AA		1	EA	\$4,275.00	\$4,275.00	N/A
	No NSN Required	Assy, Box Labeling, Army AVE	D05179		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
	No NSN Required	Assy, Test Vitrectomy Cutter, AVE	D05178		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
	No NSN Required	Assy, Triggering Test Tool, AVE 1500e	D05177		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
	No NSN Required	AVE Console	D02661		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
	No NSN Required	AWM, Box Labeling, Army AVE	A05179		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
	No NSN Required	AWM, Case Contents List, Army AVE	A06200		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
	No NSN Required	Case, Rolling	D05174		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
	No NSN Required	Literature Case Contents List, Army AVE	L06200		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
	No NSN Required	Literature Troubleshooting Chart, AVE	L06201		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
	No NSN Required	Power Cord 'A'	S02187		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
6515015908112		Cord, Vitrectomy Enhancer Interconnect Cable	D03252		2	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
7610015436723	CD Format Only	Literature Maintenance	D05181		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A
7610015437003	CD or Hard Copy	Literature Operations	L02723		1	EA	Incl w/NSN 7465	Incl w/NSN 7465	N/A

**VITRECTOMY ENHANCER SYS POSTERIOR 1500E**  
**WEB LINKS**

**Click Below for Equipment Support Plans. Note: Only available to personnel who reside in a Military (.mil) domain. Please select the plans you wish to receive and enter your email address. Support Plans include 10/20 Standards, maintenance intervals, Maintenance Allowance Chart, and more.**

**<[http://www.usamma.army.mil/assets/apps/email\\_doc/email\\_doc\\_index.cfm](http://www.usamma.army.mil/assets/apps/email_doc/email_doc_index.cfm)>**