

## TESTER VENTILATOR PORTABLE (TVP)

**MANUFACTURER: MICHIGAN INSTRUMENTS, INC.**

**Manufacturer Model# 14500**

**Manufacturer's PHONE: (616) 554-9696 FAX: (616) 554-3067**

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

**Item Web Link:**

**<<http://www.michiganinstruments.com/single-lung>>**

**AAC 'L' ITEM NSN 6515-01-449-1421**

**UAs: 9304 , T500 , T501 , T503 , T505**

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

**UNIT PRICE: \$5,899.00**

**System Description:** This item is a tester used to evaluate the performance of any mechanical ventilating device. It is a quantitative test lung which dynamically simulates human physiology. Testing should take place on every ventilator before it is used in the clinical setting. Periodic testing is needed to ensure that the unit is performing in accordance with established standards and manufacturers' specifications. Standards published by the American National Standard Institute (ANSI), the International Organization of Standardization (ISO), and the American Society for Testing and Materials (ASTM) outline minimum performance standards for mechanical ventilators. These are the standards most frequently used by ventilator manufacturers.

This system was developed to allow the comprehensive evaluation and demonstration of ventilation devices and principles. The interactive environment of multiple, overlapping windows and the combination of pull-down and pop-up menus provides a user-friendly system that will instill confidence and provide a useful lung simulation/data acquisition system.

The single lung unit provides an accurate simulation of the structures and mechanics of the adult human pulmonary system. An elastomer bellows with a residual capacity typical of an adult is used to simulate the lung. The unit is completely portable.

The PneuView is a Windows based software program that serves as the link between the TTL (Training/Test Lung) with the data acquisition and processing capabilities of a personal computer.

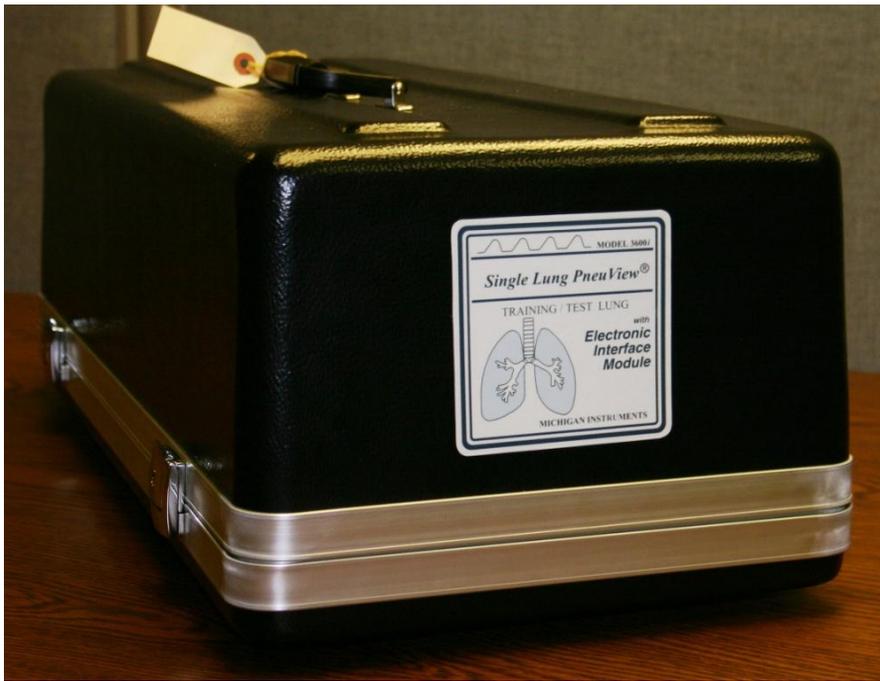
**NOTE: LIN T05633**



**TESTER VENTILATOR PORTABLE (TVP)  
PART # 14500  
NSN 6515014491421**



**TESTER VENTILATOR PORTABLE (TVP) SHOWING OTHER SIDE  
PART # 14500  
NSN 6515014491421**



**CASE, CARRYING**

**TESTER VENTILATOR PORTABLE (TVP)  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>25</b>
	<b>Width (Inches)</b>	<b>10</b>
	<b>Length (Inches)</b>	<b>13</b>
	<b>Cube (Cubic Feet)</b>	<b>1.8808</b>
	<b>Weight</b>	<b>25 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	
	<b>Width (Inches)</b>	
	<b>Length (Inches)</b>	
	<b>Cube (Cubic Feet)</b>	
	<b>Weight</b>	
<b>Storage Temp</b>		<b>-13 to 113 °F</b>
<b>Operating Temp</b>		<b>-4 to 104 °F</b>
<b>Storage Humidity</b>		<b>0 to 90%</b>
<b>Operating Humidity</b>		<b>0 to 90%</b>
<b>Amps</b>		<b>0.5</b>
<b>Watts</b>		<b>50</b>
<b>Power Requirements</b>	<b>12 VDC Battery, 110 or 220 VAC</b>	
<b>Notes</b>		

**TESTER VENTILATOR PORTABLE (TVP)  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Michigan Instrument s, Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515014491421		Tester Ventilator Portable (TVP)	14500		1	EA	\$5,899.00	\$5,899.00	N/A
	Awaiting NSN	Miniature quick connect	11251-02		1	EA	Incl w/NSN 1421	Incl w/NSN 1421	N/A
	Awaiting NSN	SLPV Case Assy.	14860		1	EA	Incl w/NSN 1421	Incl w/NSN 1421	N/A
4720016059107		Hose Nonmetallic	10068-16		1	EA	Incl w/NSN 1421	Incl w/NSN 1421	N/A
5950016059089		Transformer Power Use w Ventilator Tester 6515014491421	14739		1	EA	Incl w/NSN 1421	Incl w/NSN 1421	N/A
5995016059139		Cable Assembly Special Purpose 6 Ft DB9F to DB9M	14738		1	EA	Incl w/NSN 1421	Incl w/NSN 1421	N/A

**TESTER VENTILATOR PORTABLE (TVP)  
WEB LINKS**

**[Click Below for Operations Manual](#)**

**[http://assets1.mytrainsite.com/501272/4600\\_manual.pdf](http://assets1.mytrainsite.com/501272/4600_manual.pdf)**