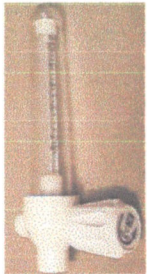


# Tom Thumb TT490



6575  
5 Lpm O2  
Flowmeter



9901-18  
Adjustable Valve



9901-02  
Flowmeter Bolt



9901-01  
Resus Block



9901-34  
Output 15mm



4450-12  
Blanking Nut



9901-40  
Precision Valve



9901-28  
Copper Washer

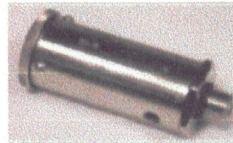


9901-15  
Pressure Gauge

# Tom Thumb TT490-15



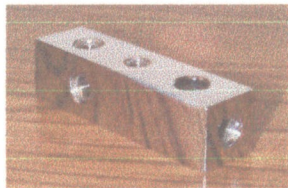
9901-53  
15 Lpm O2  
Flowmeter



9901-18  
Adjustable Valve



9901-02  
Flowmeter Bolt



9901-01  
Resus Block



9901-34  
Output 15mm



4450-12  
Blanking Nut



9901-40  
Precision Valve



9901-28  
Copper Washer



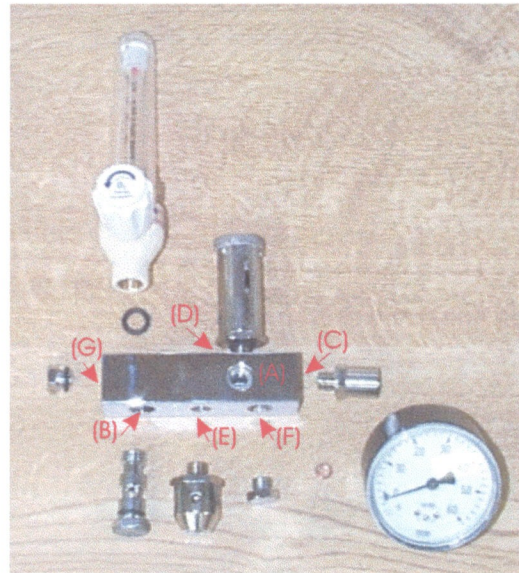
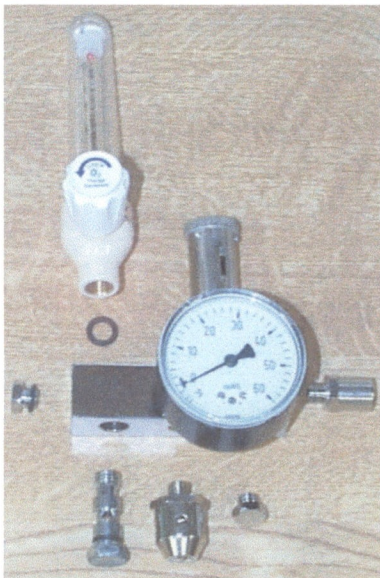
9901-15  
Pressure Gauge

Tomthumb/tt490\_15/tt490\_15.cdr



# Assembly instructions for TT490 and TT490-15

Place Thin 'O' ring 9901-55 on to:  
15mm Output 9901-34  
Adjustable valve 9901-18  
Precision Valve 9901-40  
Blanking nuts 4450-12  
And onto the bottom groove of the  
flowmeter Bolt 9901-02



Place copper washers  
9901-28 into hole (A) screw  
pressure gauge 9901-15  
into hole (A) until finger  
tight. Use 15mm spanner to  
tighten pressure gauge  
until it is straight.

Push Flowmeter bolt through hole (B)  
and hold in place with 'O' Ring 9901-  
56. screw in:  
output 9901-34 into hole (C)  
Adjustable Valve 9901- 18 into Hole  
(D)  
Precision valve 9901-40 into Hole (E)  
Blank Nuts 4450-12 into (F) and (G).

## TT490

Screw Flowmeter 6575 onto flow  
meter bolt.

## TT490-15

Screw Flowmeter 15Lpm onto flow  
meter bolt.



## Tom Thumb Test Sheet

### Equipment

<b>Description</b>	Tom Thumb Vent.	<b>Model</b>	TT490
<b>Date</b>		<b>S/N</b>	
<b>Time Calib.</b>		<b>Time Q.A.</b>	

Before Starting Final Q.A. Ensure the Calibration Time is Greater than hour before Final Q.A.

### Test Results

Test Equipment				P/F
	Check All ports/connectors for leaks			
	<b>Pressure Guage Test</b>	<b>Pressure 10CmH20</b>	<b>Pressure 50 CmH20</b>	
CE078	Readings			
	<b>Flowrate</b>	Set to 5 Lpm		
CE079	O2 5Lpm			
	<b>Adjustable Valve @ 5 Lpm</b>	<b>Minimum (&lt;5 Cm H20)</b>	<b>Maximum (&gt;43 &amp; &lt;47 Cm H20)</b>	
CE078				
	<b>Safety Valve @ 5 Lpm</b>		<b>Maximum (&gt;45 &amp; &lt; 50 Cm H20)</b>	
CE078				
<b>Visual Checks</b>				
Check	Gauge cannot be removed without tools.			
Check	Gauge appears Straight.			
	All Adjustable Settings are set to a minimum			
	Lables have been attached	CE Lable		
		S/N Lable		
		TomThumb Lable		

Signed : \_\_\_\_\_

## Tom Thumb Test Sheet

### Equipment

<b>Description</b>	Tom Thumb.	<b>Model</b>	TT490-15
<b>Date</b>		<b>S/N</b>	
<b>Time Calib.</b>		<b>Time Q.A.</b>	

Before Starting Final Q.A. Ensure the Calibration Time is Greater than hour before Final Q.A.

### Test Results

\*Note TT490-15 is calibrated at 10 Lpm

Test Equipment				P/F
	Check All ports/connectors for leaks			
	<b>Pressure Gauge Test</b>	<b>Pressure 10CmH20</b>	<b>Pressure 50 CmH20</b>	
CE078	Readings			
	<b>Flowrate</b>	Set to 10 Lpm		
CE079	O2 10 Lpm			
	<b>Adjustable Valve @ 10 Lpm</b>	<b>Minimum (&lt;5 Cm H20)</b>	<b>Maximum (&gt;43 &amp; &lt;47 Cm H20)</b>	
CE078				
	<b>Safety Valve @ 10 Lpm</b>		<b>Maximum (&gt;45 &amp; &lt; 50 Cm H20)</b>	
CE078				
<b>Visual Checks</b>				
Check	Gauge cannot be removed without tools.			
Check	Gauge appears Straight.			
	All Adjustable Settings are set to a minimum			
	Labels have been attached	CE Label		
		S/N Label		
		TomThumb Label		

Signed : \_\_\_\_\_

## Tom Thumb Test Sheet

### Equipment

<b>Description</b>	Tom Thumb.	Model	TT490-15
Date		S/N	
Time Calib.		Time Q.A.	

Before Starting Final Q.A. Ensure the Calibration Time is Greater than hour before Final Q.A.

### Test Results

\*Note TT490-15 is calibrated at **10 Lpm**

Test Equipment				P/F
	Check All ports/connectors for leaks			
	<b>Pressure Guage Test</b>	<b>Pressure 10CmH20</b>	<b>Pressure 50 CmH20</b>	
CE078	Readings			
	<b>Flowrate</b>	Set to 5 Lpm		
CE079	O2 10Lpm			
	<b>Adjustable Valve @ 10 Lpm</b>	<b>Minimum (&lt;5 Cm H20)</b>	<b>Maximum (&gt;43 &amp; &lt;47 Cm H20)</b>	
CE078				
	<b>Safety Valve @ 10 Lpm</b>		<b>Maximum (&gt;45 &amp; &lt; 50 Cm H20)</b>	
CE078				
<b>Visual Checks</b>				
Check	Gauge cannot be removed without tools.			
Check	Gauge appears Straight.			
	All Adjustable Settings are set to a minimum			
	Lables have been attached	CE Lable		
		S/N Lable		
		TomThumb Lable		

Signed : \_\_\_\_\_

## Tom Thumb Test Sheet

### Equipment

<b>Description</b>	Tom Thumb.	Model	TT490-15
Date		S/N	
Time Calib.		Time Q.A.	

Before Starting Final Q.A. Ensure the Calibration Time is Greater than hour before Final Q.A.

### Test Results

\*Note TT490-15 is calibrated at **10 Lpm**

Test Equipment				P/F
	Check All ports/connectors for leaks			
	<b>Pressure Guage Test</b>	<b>Pressure 10CmH20</b>	<b>Pressure 50 CmH20</b>	
CE078	Readings			
	<b>Flowrate</b>	Set to 10 Lpm		
CE079	O2 15Lpm			
	<b>Adjustable Valve @ 10 Lpm</b>	<b>Minimum (&lt;5 Cm H20)</b>	<b>Maximum (&gt;43 &amp; &lt;47 Cm H20)</b>	
CE078				
	<b>Safety Valve @ 10 Lpm</b>		<b>Maximum (&gt;45 &amp; &lt; 50 Cm H20)</b>	
CE078				
<b>Visual Checks</b>				
Check	Gauge cannot be removed without tools.			
Check	Gauge appears Straight.			
	All Adjustable Settings are set to a minimum			
	Lables have been attached	CE Lable		
		S/N Lable		
		TomThumb Lable		

Signed : \_\_\_\_\_