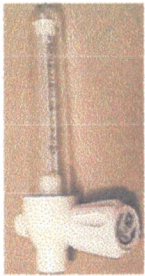
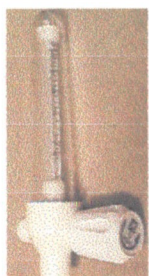


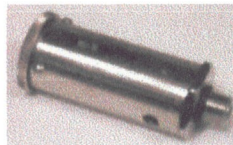
Tom Thumb TT495



9901- 53
15 Lpm O₂
Flowmeter



9901- 52
15 Lpm Air
Flowmeter



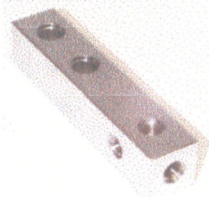
9901-18
Adjustable Valve



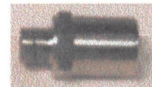
9901-02
Flowmeter Bolt



9901-02
Flowmeter Bolt



9901-50
Resus Block



9901-34
Output 15mm



9901-40
Precision Valve



9901-28
Copper Washer



9901-15
Pressure Gauge

Assembly instructions for TT495

Lay out equipment as shown in fig 1.
Place Thin 'O' ring 9901-55 on to 15mm
output 9901-34
Adjustable Valve 9901-18
Precision Valve 9901-40
And onto the bottom groove of the
flowmeter bolts 9901-02

Place copper washer 9901-28 flat into the
upward facing hole (A)

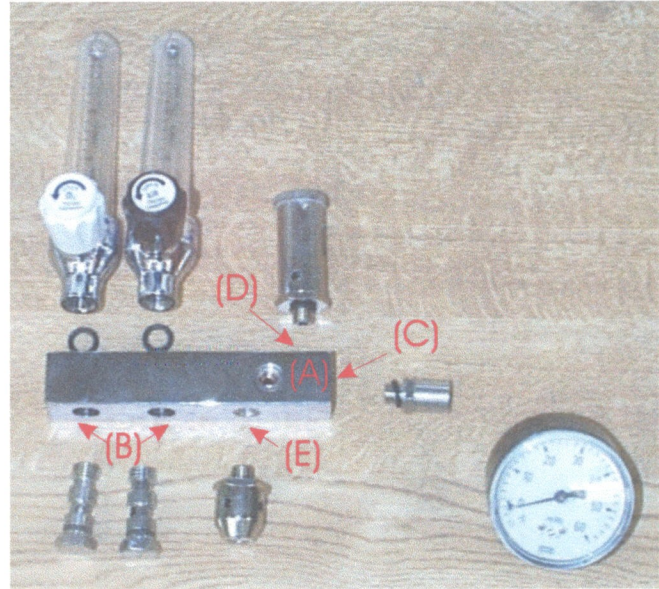


Fig 1.



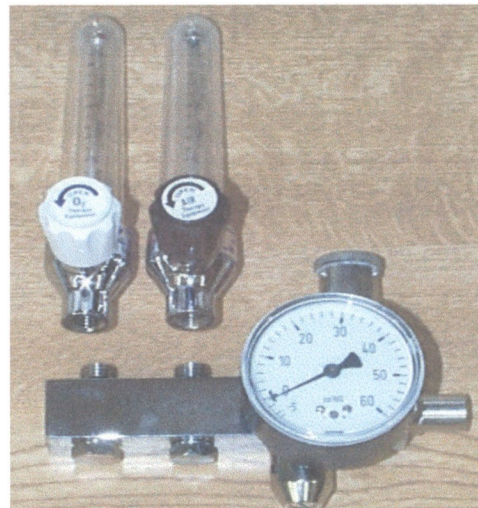
Fig 2.

Screw pressure guage 9901-15 into Hole (A)
Until finger tight. Use 15mm Spanner To
tighten pressure guage until it is straight -
See Fig 2

Push flow meter bolts through holes (B) - Hold
in place with thick 'O'ring 9901-56

Screw in
Outlet 9901-34 into Hole (C)
Adjustable Valve 9901-18 into hole (D)
Precision Valve 9901-40 into Hole (E)
Tighten with Spanner

Screw flow meters onto flow meter bolts
with the Air Flow meter 9901-52 onto the
inside Bolt - tighten with spanner.



Final Assembly of TT495

Attach 9901-55 'O' Rings to 2 x 9901-02 (flowmeter bolts) as per picture.

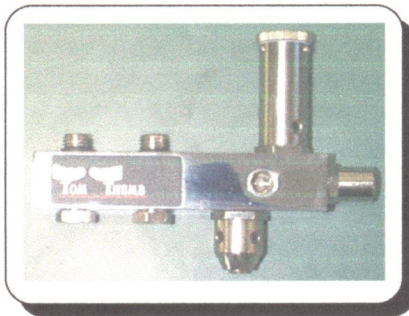


Push 9901-02 bolts through block 9901-50 hold bolts in place with 9901-56 'O' Rings.

Attach 9901-34 (15mm Male) Output with 'O' Ring 9901-54 to Right hand port in the block.

Attach 9901-40 with 'O' Ring 9901-54 to bottom port of block 9901-50.

Attach 9901-18 Adjustable valve with 'O' Ring 9901-54 to top port in block 9901-50.



Attach Air Flowmeter to inside flowmeter bolt

Attach O2 Flowmeter to outside flowmeter Bolt

Place 9901-28 (Copper diamond washer) into front hole. Screw until tight and straight
9901-15 (Pressure Gauge). Don't over tighten.

Attach Tom Thumb labels

Attach s/n Label

Final Q.A. TT495.

Attach O2 hose to the O2 Flowmeter on TT495 and set flow to 10 Lpm.
attach tubing of Test Flowmeter. The centre of the ball on the Test Flowmeter (CE079)
should be between 9 and 11.
Gently shake the TT495 so the Flowmeter Ball bounces it should return to the 10Lpm mark

Attach Air hose to the Air Flowmeter on TT495 and set flow to 10 Lpm.
attach tubing of Test Flowmeter. The centre of the ball on the Test Flowmeter should be
between 9 and 11.
Gently shake the TT495 so the Flowmeter Ball bounces it should return to the 10Lpm mark

Attach output of TT495 to Test Gauge (CE078 Manometer) tubing using 15mm Adaptor
Flowrate set at 10Lpm
Set adjustable valve to lowest setting.

Test Gauge should read 6 or less
While attached to the Test Gauge increase the adjustable valve to the Maximum setting

Test Gauge should move up the scale to >42 and < 50 (± 5 CmWg)

Block all holes in adjustable valve. Using thumb and finger.

Safety valve should exhaust at >45 and <50 (± 5 CmWg)

Set adjustable valve to read 10cm H₂O on the pressure gauge and note the readings obtained
from the Manometer.

Check Flowmeter tubes for scratches

Check All Labels are attached

CE Label

S/N Label

Thumb Vent Label

Reduce pressure Label

Fill in and sign Q.A. form :

Tom Thumb Test Sheet

Equipment

Description	Tom Thumb Vent.	Model	TT495
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

Test Equipment	Pressure Guage Test	Pressure 10CmH20	Pressure 50 CmH20	P/F
CE078	Readings			
Air Flowmeter	Set Air to 10Lpm - gently Shake unit.	O/P should remain @ 10Lpm.		
O2 Flowmeter	Set O2 to 10Lpm - gently Shake unit.	O/P should remain @ 10 Lpm		
	Flowrate Tests	Set to 5 Lpm	Set to 10Lpm (>9 & < 11 Lpm)	
CE079	Air 15Lpm s/n			
CE079	O2 15Lpm s/n			
	Adjustable Valve @ 10 Lpm	Minimum (<8 Cm H20)	Maximum (>42 & < 50 Cm H20)	
CE078				
	Safety Valve @ 10 Lpm		Maximum (>45 & < 50 Cm H20)	
CE078				
Visual Checks				
Check	Flowmeters - Scratches			
Check	Gauge appears Straight.			
Check	Gauge cannot be removed without tools.			
	Lables have been attached	CE Lable		
		S/N Lable		
		TomThumb Lable		
Flowmeters set	to Zero Lpm			
Adjustable Valve	Set to Zero			

Signed : _____