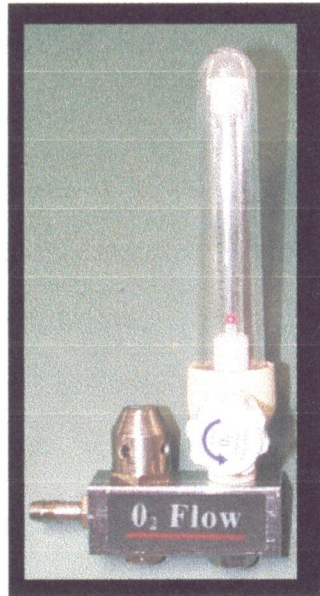


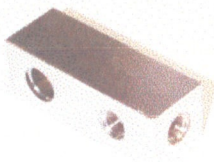
Tom Thumb TT460



9901-40
Precision Valve



9901-53
15 Lpm O2
Flowmeter



9901-51
Resus Block



9901-02
Flowmeter Bolt



4701-61
10mm Output

TomThumb/tt460/tt460.cdr

Assembly instruction for TT460

Lay out equipment as in Fig 1
Place thin 'O' Ring 9901-55 on to:
output 4701-61
precision valve 9901-40
and onto the bottom groove of the
flowmeter bolt 9901-02

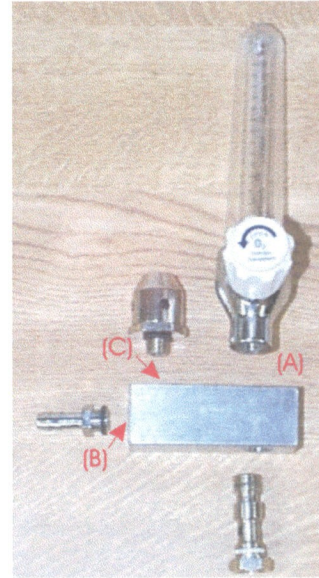


Fig 1

Push Flow meter bolt through
hole (A)
Hold in place with 'O' Ring
9901-56

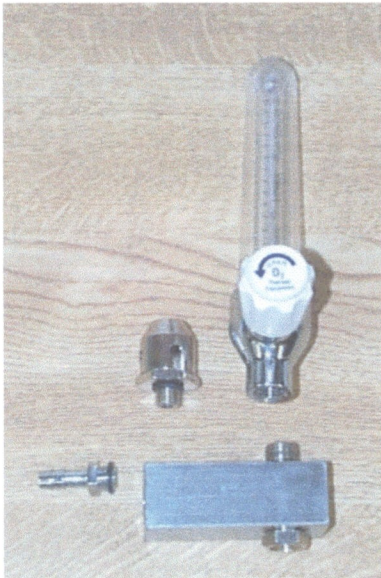


Fig 2

Screw in outlet 4701-61 into hole
(B)
Screw 15 Lpm Flow Meter onto
flow meter bolt.



Fig 3

Final assembly of TT460

901-55 'O' Ring to 9901-02 flowmeter bolt.

Push 9901-02 through block 9901-51 hold bolt in place with 9901-56 'O' Ring.

Attach 4701-61 10mm Output with 'O' Ring 9901-54 to left hand port in the block.

Attach 9901-40 precision valve to remaining port on top of the block.

screw flowmeter 9901-53 to flowmeter bolt.

Place Tom thumb lable to front of block.

Place S/N label to back of block (covering screw holes)

Final Q.A. of TT460.

Attach O2 hose to flowmeter on TT460.

Set flowrate to 10 Lpm.

Read Flow through Flowmeter CE079

Centre of ball on CE0xx should be >9 and < 11

Gentlt shake Flowmeter the ball should bounce then return to 10 Lpm

Attach tubing of Test Guage (CE078)

Meter should read 45 Cm WG +/- 5 on test gauge.

remove and reattach tubing several times readings should be consistant.

Use Snoop (Liquid leak detector) on O2 hose and right angle to cheack for leaks.

Check Flowmeter tube for scraches

Check All Lables are attached

CE Lable

S/N Lable

O2 Flow Lable

Fill in and sign Q.A. Form :

Tom Thumb Test Sheet

Equipment

Description	Tom Thumb Flowmeter.	Model	TT460
Date		S/N	
Time Calib.		Time Q.A.	

Before Starting Final Q.A. Ensure the Calibration time is greater than 1 hour before Final Q.A.

Test Results

Test Equipment				P/F
	Flowrate Tests	Set to 5 Lpm	Set to 10Lpm (>9 & < 11 Lpm)	
CE079	O2 15Lpm s/n			
	Set Flow to 10Lpm Gently Shake Unit	O/P should remain @ 10Lpm		
CE078	Saftey Valve @ 10 Lpm		Maximum (>45 & < 50 Cm H20)	
Visual Checks				
Check	Flowmeter - Scratches			
Check	Lables	CE Lable		
		S/N Lable		
		Tom Thumb Lable		
Flowmeter Set to zero lpm				

Signed : _____