



VIAMED



29/5/98

Alterations to Tom Thumb QA.

Flowmeter Tests

1/

Flowmeter S/N 007294 Attach to Unit S/N: 8064

Initially the flowmeter worked as per specifications.

When the flowmeter is shaken gently the Ball reading dropped from 10 Lpm to 8 Lpm.

shaking the flowmeter again caused the ball to return to 10 Lpm.

when the flowmeter was set to 10Lpm and the ball reading dropped to 8 the O/P of the flowmeter remained at 10lpm. when the control is adjusted to read 10Lpm again the ball jumps from 8 to 11 Lpm.

Solution:

Each flowmeter will have a shake test to test the ball remains at the correct reading.

2/ Safety Valve/Adjustable Valves.

Duel Tom thumb S/N 8053

The safety valve was stuck in the open position at a value of 20 CmH20. The reason was tracked down to a drop of lock seal, used to seal the value shut, have got on to the stem of the valve seat. Final Q.A. must have been performed before the lock seal had time to dry.

Solution. Final Q.A. of Tom Thumb units should not be performed within 1 hour of final calibration so should this fault occur in the future it will be picked up by Q.A.

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