

Fax from **Dräger** Medical Service

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To : Viamed Ltd

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Attention: Derek Lamb

Copy : Les Culver Business Unit Manager After Sales service

From: Dave Gaulton

Date 18th August 1997

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Subject Tom Thumb Ventilators

dear Derek

I have now tested all nine ventilators delivered at the end of July. The results are as follows (in the order I unpacked them)

DRG7003	Noisy	PEEP	3 at 8LPM flow
	Gauge not zero (-1) reset		
DRG7010	Noisy	PEEP	1 at 8LPM flow
	Pressure gauge loose		
	Gauge not zero (-3) reset (at limit of adjustment?)		
DRG7008	Noisy	PEEP	2 at 8LPM flow
DRG7005	Quiet	PEEP	3 at 8LPM flow
DRG7011	Quiet	PEEP	3 at 8LPM flow
DRG7007	Noisy	PEEP	2 at 8LPM flow
	Gauge not zero (-1) reset (at limit of adjustment?)		
DRG7009	Quiet	PEEP	3 at 8LPM flow
DRG7004	Quiet	PEEP	3 at 8LPM flow
DRG7006	Noisy	PEEP	2 at 8LPM flow
	Gauge not zero (-1) reset (at limit of adjustment?)		

I don't have access to the first two ventilators at the moment so I cannot confirm the absolute PEEP values in the same way. However, I made some tests of the new Intersurgical PEEP valvewith an old TT495 and compared to DRG7003 the results are :-

'old' TT495	flow 8 lpm	Intersurgical peep valve - peep=	4 mbar
DRG7003	flow 8 lpm	Intersurgical peep valve - peep=	7 mbar

This confirms my suspicion of 3 mbar intrinsic peep in the TT495

Regards

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S/N	Sound's	Flow	Peep	Gauge ϕ	
7003 U/K	Quiet	10	2	ϕ	
7004	Quiet	10	1	ϕ	
7005	Quiet	10	2	ϕ	42 max.
7006	Quiet	10	1	ϕ	
7007	Quiet	10	2	ϕ	
7008	Quiet/ Worn	10	2	ϕ	
7009					
7010	Noisy whistle No sealed Gauge. quiet	10	1	ϕ	
7011	Quiet,	10	2	ϕ	