

### Rebreather Performance

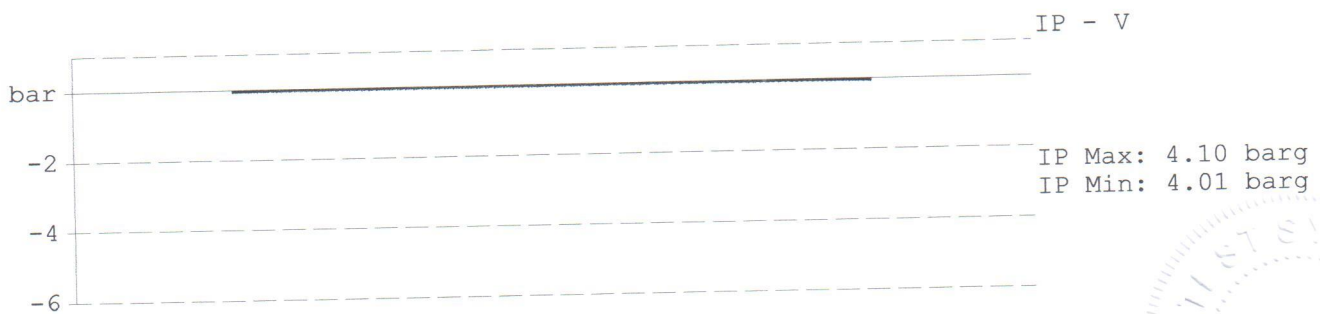
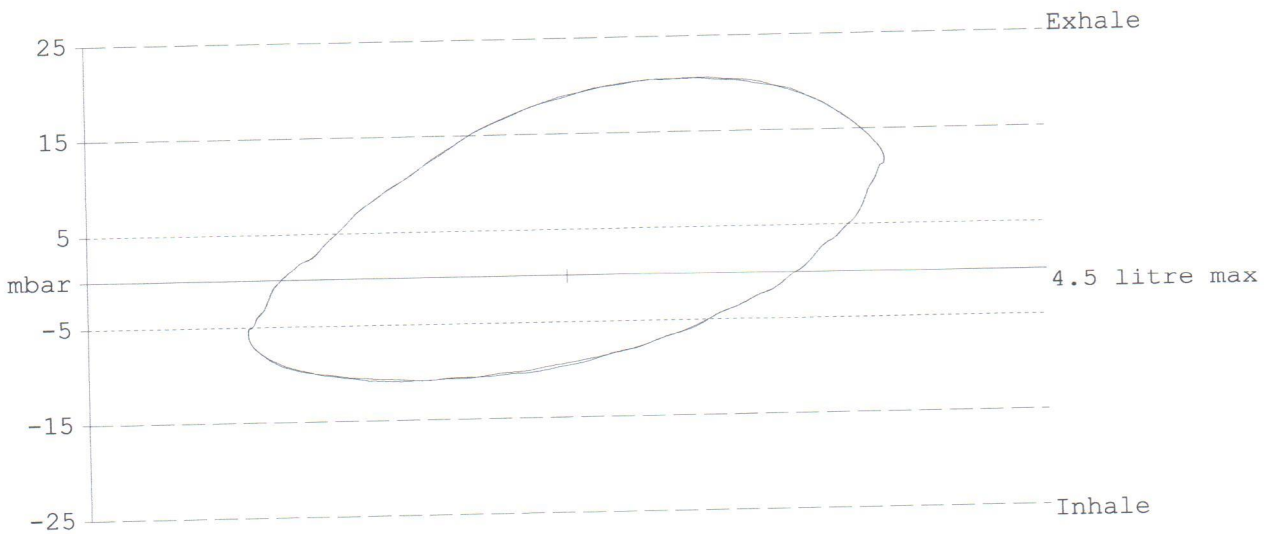
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Certificate Reference	LSTF-0916-20140612_112814	Time : 11:28:14
Date : 12/06/2014		

<b>Equipment</b>	
Rebreather Type	DIVESOFT LIBERTY CCR
Serial Number	70260615
Gas Mixture	AIR

Conditions of Test	Mean	Min	Max
Room Temperature (C)	22.0		
Exhale Temp (C)	19.3	19.2	19.3
Water Temp (C)	3.9	3.9	3.9
HP Supply Pressure (barg)	3.8	3.7	3.8
Tidal Volume (litre)	3.00	3.00	3.00
Breath Rate (bpm)	25.01	24.98	25.03
Ventilation Rate (lpm)	74.92	74.85	75.00

Results (2 Loops, SA: 100)	Mean	Min	Max
Pressure @ Start Inhale (mbar)	11.80	11.72	11.89
Inhale Ref Pressure (mbar)	-10.93	-10.95	-10.90
Inhale Pressure (mbar)	22.73	22.62	22.85
Pressure @ Start Exhale (mbar)	-5.76	-5.79	-5.73
Exhale Ref Pressure (mbar)	20.59	20.56	20.61
Exhale Pressure (mbar)	26.35	26.34	26.35
Peak to Peak Pressure (mbar)	31.52	31.52	31.52
Ext Work of Breathing (J/l)	2.16	2.16	2.16
Pos Ref Work (J/l)	0.07	0.07	0.07
Neg Ref Work (J/l)	0.01	0.01	0.01

**Pressure - Volume Diagrams at Mean Depth of : 40.2 msw (131.9 fsw)**



Remarks : IM/OP/OR

LSTF-0916

