

Rebreather Performance

Ansti	Ansti	Ansti
Certificate Reference	LSTF-0916-20140612_161426	
Date : 12/06/2014		Time : 16:14:26

Equipment

Rebreather Type	DIVESOFT LIBERTY CCR
Serial Number	70260615
Gas Mixture	10/90 OXY/HELIUM

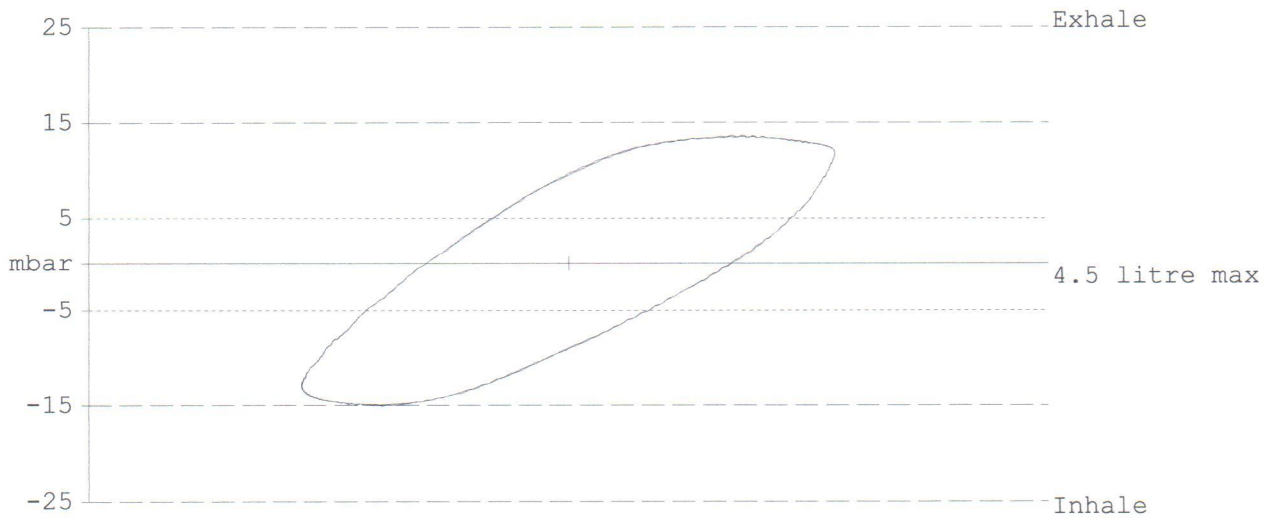
Conditions of Test

	Mean	Min	Max
Room Temperature (C)	22.0		
Exhale Temp (C)	27.6	27.5	27.6
Water Temp (C)	4.1	4.0	4.1
HP Supply Pressure (barg)	9.8	9.7	9.8
Tidal Volume (litre)	2.50	2.50	2.50
Breath Rate (bpm)	29.99	29.99	30.00
Ventilation Rate (lpm)	74.97	74.89	75.04

Results (2 Loops, SA: 100)

	Mean	Min	Max
Pressure @ Start Inhale (mbar)	11.50	11.46	11.54
Inhale Ref Pressure (mbar)	-15.02	-15.07	-14.97
Inhale Pressure (mbar)	26.52	26.43	26.60
Pressure @ Start Exhale (mbar)	-12.90	-12.92	-12.88
Exhale Ref Pressure (mbar)	13.59	13.53	13.65
Exhale Pressure (mbar)	26.49	26.41	26.57
Peak to Peak Pressure (mbar)	28.61	28.50	28.72
Ext Work of Breathing (J/l)	1.58	1.57	1.58
Pos Ref Work (J/l)	0.09	0.09	0.09
Neg Ref Work (J/l)	0.13	0.13	0.13

Pressure - Volume Diagrams at Mean Depth of : 100.4 msw (329.4 fsw)



Remarks : IM/+90P/OR/

LSTF-0916

