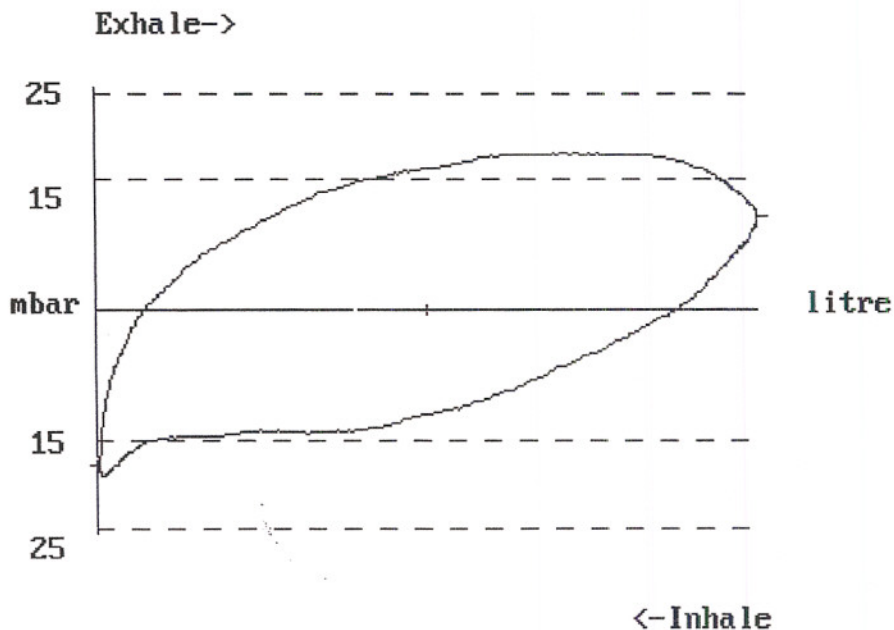


EQUIPMENT
REBREATHER TYPE : megalodon
SERIAL NUMBER : 159
GAS MIXTURE : 21 air

CONDITIONS OF TEST
ROOM TEMPERATURE : 20.0 C
WATER TEMPERATURE : 3.2 C
EXHALE TEMPERATURE : 8.8 C
CYLINDER PRESSURE : 5 bar.g
TIDAL VOLUME : 3.00 litre BREATH RATE : 24.83 bpm
VENTILATION RATE : 74.5 lpm

RESULTS
PRESSURE @ START INHALE = 11.17 mbar
NEG REF INHALE PRESSURE = -19.12 mbar
INHALE PRESSURE = 30.29 mbar
PRESSURE @ START EXHALE = -17.83 mbar
POS REF EXHALE PRESSURE = 18.26 mbar
EXHALE PRESSURE = 36.09 mbar
PEAK TO PEAK PRESSURE = 37.38 mbar
EXT WORK OF BREATHING = 2.28 J/l
POS REF WORK = 0.05 J/l
NEG REF WORK = 0.04 J/l

PRESSURE - VOLUME DIAGRAM AT DEPTH OF : 49.4 msw (162 fsw)



REMARKS : test of extend air cartridge