



Pressure Calibration Certificate

RBRconcerto C.T.D.FI s/n: 66030

Sensor rating: 1000 dbar s/n: H115694

Nominal accuracy: 0.05%FS (0.5 dbar)

Reference instrument: Mensor CPC6050 s/n: 41000CAM

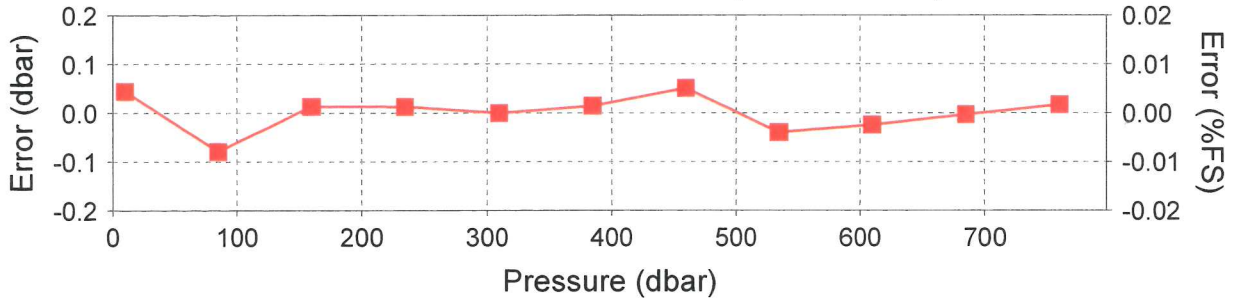
Applied pressure, P _{app} (dbar)	Voltage ratio, V	Measured pressure, P _{meas} (dbar)	Calibration error (dbar)	Coefficients
10.0290	0.015515	10.0727	0.0437	C0: -26.03802695
85.0000	0.047179	84.9204	-0.0796	C1: 2355.75333862
159.9980	0.078837	160.0108	0.0128	C2: 129.05458712
234.9974	0.110351	235.0098	0.0124	C3: -9.26884745
310.0008	0.141755	309.9999	-0.0009	X0 (Patm): 10.029
384.9993	0.173067	385.0131	0.0138	X1: 0.10910357
460.0034	0.204289	460.0537	0.0503	X2: 0.00054129
535.0000	0.235356	534.9596	-0.0404	X3: -0.00000525
610.0000	0.266370	609.9752	-0.0248	X4: -0.00010688
685.0000	0.297290	684.9963	-0.0037	X5 (Tcal): 22.8
759.9930	0.328112	760.0095	0.0165	

$$P_{meas} = C_0 + C_1 \cdot V + C_2 \cdot V^2 + C_3 \cdot V^3$$

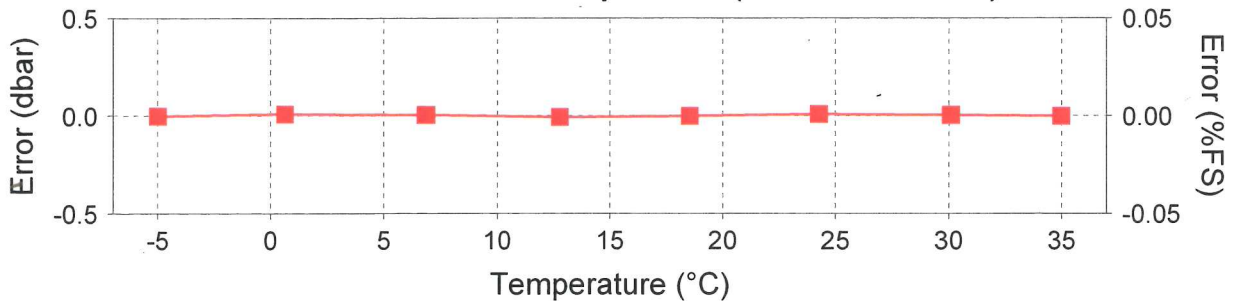
$$P_{cor} = X_0 + \frac{P_{meas} - X_0 - X_1(T - X_5) - X_2(T - X_5)^2 - X_3(T - X_5)^3}{1 + X_4(T - X_5)}$$

Head (mm) = 469

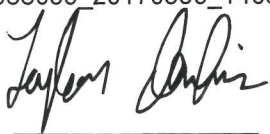
Calibration error vs. Pressure (Tcal = 22.8°C)



Calibration error vs. Temperature (Patm = 9.96 dbar)



Calibration Date: 9/Mar/2017
 Issue Date: 9/Mar/2017
 File Name: 066030_20170309_1406P.rsk

Operator: 
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Approver: 
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