

CALIBRATION CERTIFICATE

Form No. 710, Dec 2005

a xylem brand

Sensing Foil Batch No: 1206EM
Certificate No: 4831 458 3512

Model: 4831
Serial No: 458
Calibration Date: October 27, 2016

This is to certify that this product has been calibrated using the following instruments:

Fluke CHUB E-4	Serial No. A7C677
Fluke 5615 PRT	Serial No. 802054
Fluke 5615 PRT	Serial No. 849155
Honeywell PPT	Serial No. 44074
Calibration Bath model FNT 321-1-40	

Parameter: Internal Temperature:

Temperature coefficients

Index	0	1	2	3
TempCoef	2.70471E+01	-3.17384E-02	3.30322E-06	-4.70815E-09

Parameter: Oxygen:

	O2 Concentration	Air Saturation
Range:	0-500 μM ¹⁾	0 - 120%
Accuracy ¹⁾ :	< $\pm 2\mu\text{M}$ or $\pm 1.5\%$ (whichever is greater)	$\pm 5\%$
Resolution:	< 1 μM	< 0.4%
Settling Time (63%):	< 25 seconds	

SVU coefficients

SVU C0 - C3	2.91053E-03	1.24181E-04	2.44994E-06	2.31388E+02
SVU C4 - C6	-3.23271E-01	-5.82643E+01	4.53565E+00	

Giving these coefficients

Index	0	1	2	3
Concentration Coef	0.00000E+00	1.04630E+00		
PhaseCoef	0.00000E+00	1.00000E+00	0.00000E+00	0.00000E+00

¹⁾ Valid for 0 to 2000m (6562ft) depth, salinity 33 - 37ppt

²⁾ The calibration is performed in fresh water and the salinity setting is set to: 0

Date:
October 27, 2016

Sign: Jason B Baxter