



a xylem brand

CALIBRATION CERTIFICATE

Form No 830, March 2021

Certificate no: 4330_3952_00195750
Foil batch no: 1824M

Product: 4330
Calibration date: 29.03.2022

Serial no: 3952
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| Index | Temperature reference(°C) | [O2] Reference(μM) | Temperature raw data(mV) | Phase reading(°) |
|-------|---------------------------|--------------------|--------------------------|------------------|
| 0 | 30.123 | 1.70 | -81.467 | 59.06 |
| 1 | 19.997 | 1.00 | 249.607 | 60.01 |
| 2 | 10.104 | 0.46 | 571.353 | 60.77 |
| 3 | 0.865 | -0.14 | 847.147 | 61.43 |
| 4 | 0.931 | 21.36 | 845.273 | 58.65 |
| 5 | 0.982 | 42.85 | 843.887 | 56.19 |
| 6 | 1.019 | 64.88 | 842.860 | 53.93 |
| 7 | 1.053 | 109.50 | 841.907 | 49.98 |
| 8 | 1.077 | 157.05 | 841.227 | 46.53 |
| 9 | 1.098 | 220.47 | 840.653 | 42.80 |
| 10 | 1.116 | 335.44 | 840.127 | 37.78 |
| 11 | 1.130 | 448.46 | 839.760 | 34.24 |
| 12 | 1.138 | 549.21 | 839.507 | 31.83 |
| 13 | 10.265 | 14.09 | 566.293 | 58.22 |
| 14 | 10.214 | 33.50 | 567.900 | 55.04 |
| 15 | 10.178 | 51.00 | 569.040 | 52.56 |
| 16 | 10.148 | 86.84 | 569.980 | 48.27 |
| 17 | 10.127 | 121.26 | 570.640 | 44.95 |
| 18 | 10.108 | 176.71 | 571.227 | 40.71 |
| 19 | 10.093 | 267.86 | 571.687 | 35.74 |
| 20 | 10.081 | 353.45 | 572.073 | 32.44 |
| 21 | 10.071 | 437.21 | 572.407 | 30.01 |
| 22 | 20.272 | 11.36 | 240.520 | 57.21 |
| 23 | 20.196 | 26.77 | 242.993 | 53.71 |
| 24 | 20.144 | 40.42 | 244.733 | 51.07 |
| 25 | 20.103 | 69.52 | 246.080 | 46.42 |
| 26 | 20.074 | 96.37 | 247.060 | 43.03 |
| 27 | 20.050 | 138.62 | 247.833 | 38.88 |
| 28 | 19.999 | 203.60 | 249.540 | 34.35 |
| 29 | 19.987 | 276.48 | 249.933 | 30.78 |
| 30 | 19.976 | 349.28 | 250.273 | 28.24 |
| 31 | 30.066 | 9.50 | -79.607 | 56.16 |
| 32 | 30.057 | 21.71 | -79.313 | 52.50 |
| 33 | 30.059 | 33.20 | -79.380 | 49.58 |
| 34 | 30.066 | 56.36 | -79.613 | 44.83 |
| 35 | 30.076 | 79.11 | -79.947 | 41.21 |
| 36 | 30.087 | 113.16 | -80.260 | 37.08 |
| 37 | 30.115 | 167.51 | -81.167 | 32.47 |
| 38 | 30.125 | 225.09 | -81.480 | 29.16 |
| 39 | 30.132 | 286.98 | -81.727 | 26.63 |

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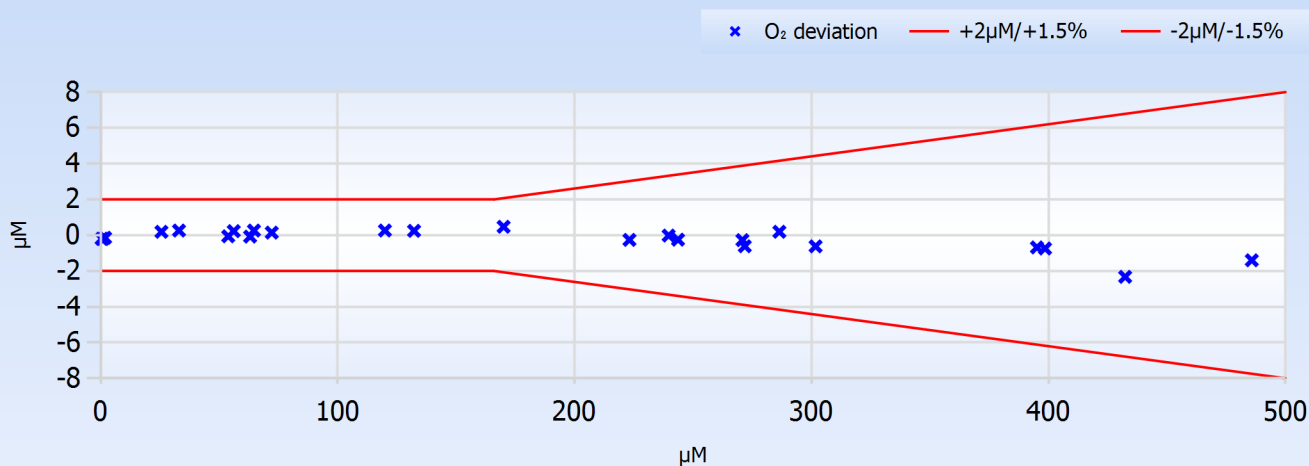
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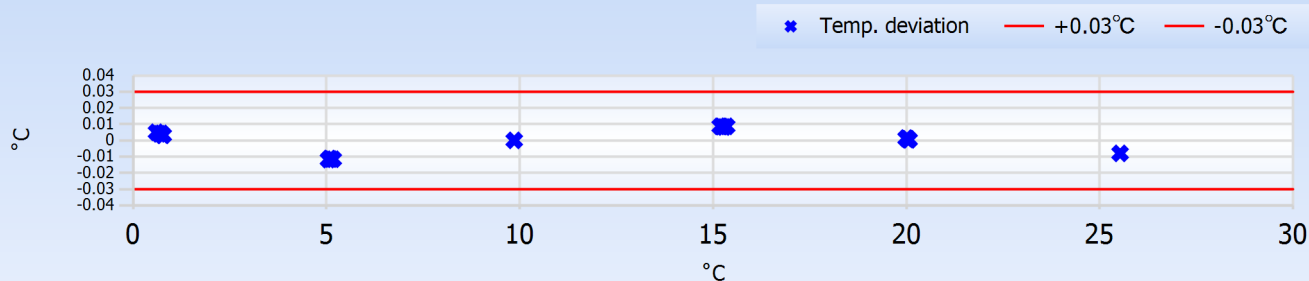
Giving these coefficients

| Index | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|-------------|-------------|--------------|-------------|--------------|--------------|-------------|------------|
| SVUFoilCoef | 2.65076E-03 | 1.13716E-04 | 2.25341E-06 | 1.89895E02 | -2.35314E-01 | -4.84932E01 | 3.88013E00 |
| TempCoef | 2.75826E01 | -3.09045E-02 | 3.22788E-06 | -4.69067E-09 | 0.00000E00 | 0.00000E00 | |

Oxygen validation



Temperature validation



With following settings

| Index | 0 | 1 | 2 | 3 |
|-----------|------------|------------|------------|------------|
| PhaseCoef | 0.00000E00 | 1.00000E00 | 0.00000E00 | 0.00000E00 |

| Index | 0 (Offset) | 1 (Slope) |
|----------|------------|------------|
| ConcCoef | 0.00000E00 | 1.00000E00 |
| Salinity | 0.00 | |

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| Firmware Version | 5.1.1 |
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Date: 29.03.2022

Tor-Ove Kvalvaag
Tor-Ove Kvalvaag, Calibration Engineer