

Advantages

- Intuitive, simple and quick to use: immediate handling
- Robust, waterproof IP67 and lightweight.
- Digital sensor technology: measurement reliability
- 30 000 Data recording and transfer via Wifi

Common Features -Temperature

> **Measuring Range:** 0.00 - 50.00 °C

AOU LABO

smart water solutions

Accuracy: Resolution: +/- 0.5 °C 0.01 °C

Applicable to all sensors

NEON-OPTOD



Reading of DO & temperature.

- Digital optical sensor technology, reduced maintenance
- Use no oxygen & is suitable for all environments, including those with very low water circulation

Specification

Resolution:

Oxygen:

Accuracy: Oxygen:

+/- 0.1mg/L +/- 0.1ppm

+/- 1 % Range 0-100 %

NEON-NTU/TSS



NEON-C4E





NEON-MES5

NEON-VB5



Oxygen: 0.00 to 20.00 mg/L 0.00 to 20.00 ppm

Measuring range:

Measuring range:

Turbidity:

TSS:

5 - 4000 NTU

5 - 4500 mg/L

Measuring range:

Measuring range:

Sludge Blanket:

0-100 %

(compensated at 25°C)

pH calibration: On 3 points

0.00 - 14.00

0-200 %

Atmospheric pressure: 450-800 mmHg (600-1065 hPa)

- Reading of Turbidity, TSS and Temperature
- Sensor: NTU Optical IR sensor (850 nm) based on Nephelometry

Specification

Resolution: Turbidity: 0.01 - 1 NTU TSS: 0.01 - 1 mg/L

Turbidity:

Accuracy:

Accuracy:

Conductivity:

< 5% of the reading (NTU)

+/-1% of the full range

< 5% of the reading (mg/L)

Reading of Conductivity, TDS, Salinity and Temperature

Specification

Measuring range: Resolution: Conductivity: Conductivity: 0.0 -200.0 mS/cm 0.01 - 1 according to the range

Salinity: -5-60 g/Kg

Conductivity calibration: On 4 ranges, 2 points per range

Reading of pH, ORP and Temperature

Specification Resolution:

0.01

Accuracy:

+/-1pH

-1000.0 to +1000.0 mV

Redox: $0.1\,\mathrm{mV}$

Redox: +/- 0.2 mV

Reading of the Temperature and Mud Veil in the settling works

Sensor: VB5 Optical IR sensor (870 nm) based on absorptiometry

Specification

Resolution: Sludge Blanket: 0.01 or 0.1 %

Accuracy: Sludge Blanket:

+/- 2%

- Reading of TSS, Turbidity, Mud Film and temperature in wastewater treatment plants or sludge treatment processes.
- Sensor: MES5 Optical IR sensor (870 nm) based on absorptiometry

Specification

Measuring range: Sludge Blanket: 0-100 % 0 - 50g/LTurbidity:

Resolution: Sludge Blanket: 0.01 or 0.1 % TSS: $0.01 \, g/L$

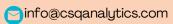
Turbidity:

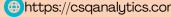
0.01 to 1 FAU

Accuracy: Sludge Blanket: +/- 2% TSS:

< 10

Turbidity: +/- 5% (range 200 - 4000 FAU)





0 - 4000 FAU

