

NEON SERIES

Advantages

- Intuitive, simple & quick to use: immediate handling
- Robust, waterproof IP67 and lightweight.
- Digital sensor technology: measurement reliability
- 30,000 Data recording and transfer via Wifi
- Temperature measuring range 0-50°C for all sensors

NEON-OPTOD



Specification

- 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

Measuring range:

Oxygen:
0.00 to 20.00 mg/L (ppm)
0-200 %

Resolution:

Oxygen:
0.01

Accuracy:

Oxygen:
+/- 0.1mg/L (ppm)
+/- 1 % Range 0-100 %

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

NEON-NTU/TSS



Specification

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

Measuring range:

Turbidity:
5 - 4000 NTU

Resolution:

Turbidity:
0.01 - 1 NTU

Accuracy:

Turbidity:
< 5% of the reading (NTU)

TSS:
5 - 4500 mg/L

TSS:
0.01 - 1 mg/L

TSS:
< 5% of the reading (mg/L)

NEON-C4E



Specification

- Reading of Conductivity, TDS, Salinity and Temperature

Measuring range:

Conductivity:
0.0 - 200.0 mS/cm

Resolution:

Conductivity:
0.01 - 1 according to the range

Accuracy:

Conductivity:
+/- 1 % of the full range

Salinity:
-5-60 g/Kg

Salinity:
0.01

Conductivity calibration: On 4 ranges, 2 points per range

NEON-PHEHT



Specification

- Reading of pH, ORP and Temperature

Measuring range:

pH:
0.00 - 14.00
(compensated at 25°C)

Resolution:

pH:
0.01

Accuracy:

pH:
+/- 1 pH

Redox:
-1000.0 to +1000.0 mV

Redox:
0.1 mV

Redox:
+/- 0.2 mV

pH calibration: On 3 points

NEON-VB5



Specification

- Reading of the Temperature and Mud Veil in the settling works
- **Sensor:** VB5 Optical IR sensor (870 nm) based on absorptiometry

Measuring range:

Sludge Blanket:
0-100 %

Resolution:

Sludge Blanket:
0.01 or 0.1 %

Accuracy:

Sludge Blanket:
+/- 2%

NEON-MES5



Specification

- 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

Measuring range:

Sludge Blanket:
0-100 %

Resolution:

Sludge Blanket:
0.01 or 0.1 %

Accuracy:

Sludge Blanket:
+/- 2%

TSS:
0 - 50g/L

TSS:
0.01 g/L

TSS:
<10

Turbidity:
0 - 4000 FAU

Turbidity:
0.01 to 1 FAU

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

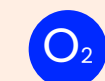
NEW!



NEON OPEN

NEON OPEN is compatible with any Aqualabo sensor.

It provides measurement of the following parameters:



Dissolved Oxygen (% and mg/L)



pH



ORP



Conductivity



Salinity



Turbidity



Suspended Solid (TSS)



Sludge Blanket Detection