

NEON SERIES

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

Resolution: 0.01 °C
Accuracy: +/- 0.5 °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		
Measuring range:	Resolution:	Accuracy:
Oxygen: 0.00 to 20.00 mg/L 0.00 to 20.00 ppm 0-200 %	Oxygen: 0.01	Oxygen: +/- 0.1mg/L +/- 0.1ppm +/- 1 % Range 0-100 %
Atmospheric pressure: 450-800 mmHg (600-1065 hPa)		

NEON-NTU/TSS



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

Specification		
Measuring range:	Resolution:	Accuracy:
Turbidity: 5 – 4000 NTU	Turbidity: 0.01 – 1 NTU	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



- Reading of Conductivity, TDS, Salinity and Temperature

Specification		
Measuring range:	Resolution:	Accuracy:
Conductivity: 0.0 – 200.0 mS/cm	Conductivity: 0.01 – 1 according to the range	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



- Reading of pH, ORP and Temperature

Specification		
Measuring range:	Resolution:	Accuracy:
pH: 0.00 – 14.00 (compensated at 25°C)	pH: 0.01	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



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

Specification		
Measuring range:	Resolution:	Accuracy:
Sludge Blanket: 0-100 %	Sludge Blanket: 0.01 or 0.1 %	Sludge Blanket: +/- 2%

NEON-MES5



- 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:	Resolution:	Accuracy:
Sludge Blanket: 0-100 %	Sludge Blanket: 0.01 or 0.1 %	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)