

## Features

- Rugged & Waterproof
- User Friendly
- GLP Compliant
- Automatic Datalogging
- USB Data Download (optional)
- Multiple Power Options



## About the device

- The WP series enclosure is fully waterproof to IP67 rating.
- The case, keypad and connectors are designed for maximum durability in the harshest conditions. The WP Series is equally suitable at home, in laboratory, field or industrial environments.
- To comply with Good Laboratory Practices (GLP) standards, the WP Series store the date, time and results of the last calibration. This information can be recalled when required.
- All readings stored in memory are stamped with the date and time.

The WP Series include 9 different models which cover a wide range of parameters and are available in kits which include your chosen sensors, buffers and standards.

The WP-BOD meter features dual channels for pH or ORP.

The WP-SOM meter is specifically designed for meat testing and incorporates Bendalls equation, a stab temperature sensor and a spear tip intermediate junction pH sensor.

	pH	mV	Specific Ions	Conductivity	TDS	Salinity	DO	Turbidity	Temp
WP-80	✓	✓							✓
WP-80D	✓	✓							✓
WP-80M	✓	✓							✓
WP-81	✓	✓		✓	✓	✓			✓
WP-82Y							✓		✓
WP-84				✓	✓	✓			✓
WP-88	✓	✓	✓					✓	✓
WP-90	✓	✓							✓
WP-91							✓		✓

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# WP SERIES

## SPECIFICATIONS

MODE	RANGES	RESOLUTION	ACCURACY
Temperature	-10.0 to 120.0°C	0.1°C	+/- 0.2°C
pH	0 to 14.00	0.01	+/- 0.001
ORP(mV)	0 to +/- 500.0 0 to +/- 1500	0.15 1	+/- 0.3 +/- 1
<b>Conductivity</b>			
k=10	0 to 200.0 uS/cm 0 to 2000 uS/cm 0 to 20.00 mS/cm 0 to 200.0 mS/cm	0.1 us/cm 1 uS/cm 0.01 mS/cm 0.1 mS/cm	+/- 0.5% of full scale of selected range at 25°C  <i>(WP-84 meter will measure up to 2000mS/cm with k=10 sensor)</i>
k=1.0	0 to 20.00 uS/cm 0 to 200.0 uS/cm 0 to 2000 uS/cm 0 to 20.00 mS/cm	0.01 us/cm 0.1 uS/cm 1 uS/cm 0.01 mS/cm	<i>(WP-81 meter will measure up to 200mS/cm with k=1.0 sensor)</i>
k=0.1	0 to 2.000 uS/cm 0 to 20.00 uS/cm 0 to 200.0 uS/cm 0 to 2000 uS/cm	0.001 us/cm 0.01 uS/cm 0.1 mS/cm 1 uS/cm	
<b>TDS</b>			
k=10	0 to 100.0 ppM 0 to 1000 ppM 0 to 10.00 ppK 0 to 100.0 ppK	0.1 ppM 1 ppM 0.01 ppK 0.1 ppK	+/- 0.5% of full scale of selected range at 25°C
k=1.0	0 to 10.00 ppM 0 to 100.0 ppM 0 to 1000 ppM 0 to 10.00 ppK	0.01 ppM 0.1 ppM 1 ppM 0.01 ppK	
k=0.1	0 to 1.000 ppM 0 to 10.00 ppM 0 to 100.0 ppM 0 to 1000 ppM	0.001 ppM 0.01 ppM 0.1 ppM 1 ppM	
<b>Salinity</b>			
k=10	0 to 8.00% 0 to 80.0 PSU	0.01% 0.1 PSU	+/- 0.5% of full scale of selected range at 25°C
k=1.0	0 to 1.19% 0 to 11.9 PSU	0.01% 0.1 PSU	
k=0.1	0 to 0.10% 0 to 1.0 PSU	0.01% 0.1 PSU	+/- 0.5% of full scale of selected range at 25°C
<b>Dissolved Oxygen</b>			
k=10	0.00 to 20.00 ppM 20.0 to 40.0 ppM 0.0 to 240.0% Saturation 240 to 450% Saturation 0.0 to 45.0% Gaseous 45 to 100% Gaseous	0.01 ppM (mg/L) 0.1 ppM (mg/L) 0.1% Saturation 1% Saturation 0.1 Gaseous 1% Gaseous	+/- 0.2% of full scale of selected ppM range  +/- 0.3% Saturation +/- 0.1% Gaseous
<b>Turbidity</b>			
	0.00 to 200.00 NTU 200 to 2000 NTU	0.01 NTU 1 NTU	+/- 1 NTU
<b>Specific Ions</b>			
	Autorangeing in units of ppM, ppK and Molar	3 significant digits	+/- 1 Least significant digit

**Please note:** Limits may apply depending on the sensors used