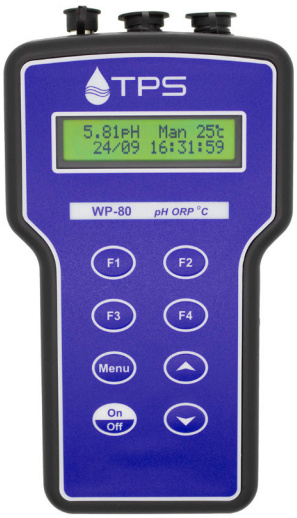
ROWE SCIENTIFIC PTY. LTD. www.rowe.com.au

TPS

WP SERIES



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

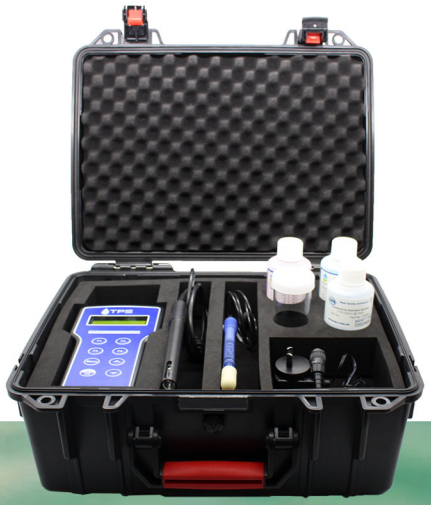
The WP series enclosure is fully waterproof to IP67 rating. The case, keypad and connectors are designed for maximum durability in the harshest conditions. The WP Series is equally suitable at home, in laboratory, field or industrial environments.

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-80D meter features dual channels for pH or ORP.

The WP-80M 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	+/- 0.01
ORP (mV)	0 to +/-500.0 0 to +/- 1500	0.15 1	+/- 0.3 +/- 1
Conductivity			
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 (*WP-84 meter will measure up to 2000mS/cm with k=10 sensor*)
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	(*WP-81 meter will measure up to 200mS/cm with k=1.0 sensor*)
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 0.01uS/cm 0.1 uS/cm 1 uS/cm	
TDS			
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	
Salinity			
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	
Dissolved Oxygen			
	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 selsected ppM range +/- 0.3% Saturation +/- 0.1% Gaseous
Turbidity			
	0.0 to 200.0 NTU 200 to 2000 NTU	0.1 NTU 1 NTU	+/- 1 NTU
Specific Ions	Autoranging in units of ppM, ppK and Molar	3 significant digits	+/- Least significant digit

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