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# WP-88



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TPS Australia - Quality hand-made instruments since 1968.

## WP-88 Turbidity Meter



[Full Size Image](#)

- ◆ *Rugged and Waterproof*
- ◆ *Detachable cable design*
- ◆ *User-friendly*
- ◆ *Calendar Clock*
- ◆ *Good Laboratory Practices*
- ◆ *2400 Reading Notepad*
- ◆ *Automatic Datalogging*
- ◆ *RS232 Serial Port Interface*
- ◆ *Australian Made*

The WP series enclosure is fully waterproof to IP67 rating. The connectors are rated to IP65. The case, keypad and

Program the Autolog function to

connectors are designed for maximum durability in the harshest conditions. The WP Series is equally at home in laboratory, field or industrial environments.

The 32 character alphanumeric display features a user-friendly menu system. This guides the user through every step of operation. Full text prompting and error messages are provided. Calibration and set-up are a breeze with the WP Series.

The Calendar Clock can be displayed continuously along with the data. The date and time are recorded with every reading, when using the Notepad and AutoLog functions.

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.

To reduce errors when recording readings, the WP Series has a 2400 reading Notepad. At the touch of a button, readings can be recorded into memory, along with the date and time. This is especially useful when taking readings in wet environments.

PROGRAM THE AUTOLOG FUNCTION TO automatically log readings into memory. Simply set the logging interval from 1 minute to 24 hours, start logging and walk away. The WP Series can log up to 2400 readings, along with the date and time.

The WP Series has RS232 serial port interface. All readings stored in memory and GLP information can be downloaded to a PC or printer. The RS232 serial port also allows the AutoLog function to log directly to a PC or printer. WinTPS Windows software allows the WP Series to communicate with a PC for data download.

The WP Series is supplied with a rechargeable NiMH battery and charger as standard. Chargers for all countries are available. For extended field trips a solar panel, or a charger lead for a car cigarette lighter socket are also available.

The WP Series is proudly designed and manufactured in Australia. Our aim is to provide you with the best quality, service and value for money. The TPS Quality System has been certified in accordance with the AS/NZS ISO 9001 standard. Since 1968, TPS has built a reputation for excellent backup service that is second to none. Compare the list of features with the competition. The WP Series sets a new standard for handheld instruments.

## Specifications

**Ranges**

0.1 to 200.0 NTU  
 1 to 2000 NTU  
 (Exact ranges subject to sensor performance)

**Clock**

24 Hour Calendar Clock

**Battery Saver Function**

On : Automatically switches off after 5 minutes of

**Resolution**

0.1 NTU  
1 NTU

**Repeatability**

2% +/- 1 digit on all ranges

**Enclosure**

Tough, anti-static Luran-S plastic case, waterproof to IP67. Connectors waterproof to IP65.

**Display**

32 Character alphanumeric LCD with user-friendly menu system and full-text messages.

**Memory**

2400 readings, including date and time.

**Automatic Logging**

User-set for one reading every 1 to 90 seconds, 1 to 90 minutes or 1 to 24 hours.

**RS232 Serial Port Output**

300, 1200 and 9600 Baud.  
8 Bits, No Parity, 1 Stop Bit, XON/XOFF

no use.

Off : Unit remains on for continuous use.

**Good Laboratory Practices**

Date, time and results of last successful calibration are stored, and can be recalled when required. GLP information can be printed or downloaded to PC with the RS232 serial port interface. Warning of failed calibration is provided.

**Power**

6V NiMH Rechargeable battery pack for approx 50 hours operation. Battery charger for country of choice supplied. Battery can be charged from any 12V DC source

**Dimensions**

Meter : 187 x 110 x 51 mm  
Sensor : 145 x 38.1 mm

**Mass**

Instrument only : Approx 440g  
Full Kit : Approx 3.0kg

**Environment**

Temperature : 0 to 45 °C  
Humidity : 0 to 95% R.H.

**Ordering Information**

Part No

WP-88 Turbidity Meter.....125188

**Standard Kit Includes**

Turbidity Sensor, no cable.....125196  
5m detachable sensor cable.....125187  
90 NTU Diluted Standard, 200 mL.....125216  
900 NTU Diluted Standard, 200mL.....125220  
Black wide neck jars for calibration x 2.....125300  
Battery Charger.....130037  
Manual.....130050

**Options and Accessories**

**Cable Extension:**

Extra cable, per metre (maximum cable length 50 m).....130040

**Computer Interface:**

Serial cable for computer.....130041

WP-88

Serial cable for Computer.....130071  
Serial to USB adaptor cable.....130087  
**WinTPS** Software for Windows.....130086

**Power options:**

12V Solar Panel.....130012  
12V Car Cigarette lighter lead.....130046  
12V Clip lead, separate battery.....130052

**Carry case:**

Aluminium Carry Case.....130059

**Primary Turbidity Standards**

1800 NTU Primary Standard, 200 mL.....125224

**Diluted Turbidity Standards**

90 NTU Diluted Standard, 1 Litre.....125214  
90 NTU Diluted Standard, 200 mL.....125216  
180 NTU Diluted Standard, 1 Litre.....125200  
180 NTU Diluted Standard, 200 mL.....125202  
360 NTU Diluted Standard, 1 Litre.....125204  
360 NTU Diluted Standard, 200 mL.....125206  
900 NTU Diluted Standard, 1 Litre.....125218  
900 NTU Diluted Standard, 200 mL.....125220

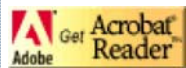


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