



Quality. Service. Value.

TPS Australia - Quality hand-made instruments since 1968.

WP-88 Turbidity Meter



- *Rugged and Waterproof*
- *Detachable cable design*
- *User-friendly*
- *Calendar Clock*
- *Good Laboratory Practices*
- *150 Reading Notepad*
- *Automatic Datalogging*
- *Optional RS232 Interface*
- *Australian Made*

The WP series enclosure is fully waterproof to an IP67 rating. The connectors are rated to IP65. The case, keypad and 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-88 has a 150 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 150 readings, along with the date and time.

Expand the capabilities of the WP Series with the optional RS232 interface. All readings stored in memory and GLP information can be downloaded to an RS232 printer or a PC. The RS232 optional also allows the AutoLog function to log directly to the printer or PC. A Windows software package that allows the WP Series to communicate with a PC is available.

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. For over 30 years, 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

Turbidity: 0.1 to 200.0/2000 NTU

Automatic range selection

Temperature: 0 to 60°C [sensor & compensation range]

Resolution

Turbidity: 0.1 NTU / 1NTU

Temperature: 0.1°C

Accuracy

Turbidity: ±1NTU

Temperature: ±0.1°C

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

150 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 Output (Optional)

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

Clock

24 Hour Calendar Clock

Battery Saver Function

On : Automatically switches off after 5 minutes of 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 when the optional RS232 Interface is fitted. 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.