

Supplement for WP-80 handbook with User Data Entry option.

When the User Data Entry option is fitted to a **WP-80**, the model name displayed when the unit is switched on becomes “**WP80M**”. If the optional RS232 serial port is fitted, the model name displayed becomes “**WP80Ms**”

Please refer to this supplement for the following sections of the **WP-80** handbook, when fitted with the User Data Entry option.

1. Enabling and Disabling the User Data Entry function.

The User Data Entry function can be enabled or disabled as required...

1. Switch the meter OFF.
2. Press and hold **[F3]** while switching the meter back ON.
3. If there is any data recorded in the Notepad memory, it must be erased first. The meter will automatically prompt you if this is the case...

**Must First Erase
Notepad**

then:

**Erase, You Sure?
F1: Yes F2: No**

Press **[F1]** to Erase all Notepad Data and go on.

Press **[F2]** to quit and keep the Notepad data.

4. When the Notepad data has been erased, the meter will now move to the User Data Entry selection screen...

**User Data Entry
F1: OFF >F2: ON**

The arrow indicates the current selection.

Press **[F1]** to turn the User Data Entry function OFF.

Press **[F2]** to turn the User Data Entry function ON.

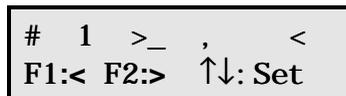
2. Notepad Function

2.1 Recording Readings into the Notepad

When the User Data Entry function is turned OFF, refer to the **WP-80** handbook for details on recording readings into the Notepad.

When the User Data Entry function is turned ON, follow the details below to record readings into the Notepad memory...

1. Press **[F1]** in normal display mode. The display should now look like this...



1 >_ , <
F1:< F2:> ↑↓: Set

2. Press the **[▲]** and **[▼]** keys to scroll through from 0 to 9, then A to Z to set the first character of the data entry.

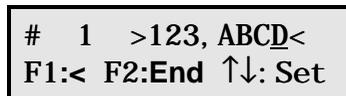
Press **[F2]** to move to the next character.

3. Repeat step 2 for the remaining characters.

Press **[F1]** to move the cursor left to make any corrections.

Any of the characters may be left blank, if required.

4. When setting the last character, the display changes, to indicate that one more press of the **[F2]** will save the data. For example...



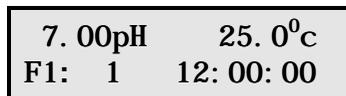
1 >123, ABCD<
F1:< F2:End ↑↓: Set

5. Press **[F2]** to save the data.

Alternatively, press **[Menu]** to quit without recording the data.

6. The meter now returns to pH and Temperature measurement, with a prompt to press **[F1]** to record the pH and Temperature data.

For example...



7. 00pH 25. 0⁰c
F1: 1 12: 00: 00

Press **[F1]** to record the data. It will be identified with the 7 character identifier, as entered previously.

Alternatively, press **[Menu]** to quit without recording the pH and Temperature data, **OR** the previously entered identifier.

2.2 Recalling Records from the Notepad

When the User Data Entry function is turned OFF, refer to the **WP-80** handbook for details on recalling readings from the Notepad.

When the User Data Entry function is turned ON, follow the details below to recall readings from the Notepad memory...

1. Select the Notepad menu (**Menu** → **F2: Notepad**).
2. Select **F1: Recall** from the menu.
3. The pH, Temperature and User-entered data for record number 1 is now displayed. For example...

7.00pH	25.0 ⁰ C
# 1	123, ABCD

4. Press **F2** to alternate between the data and the date/time for this record. For example...

7.00pH	25.00 ⁰ C	← F2 →	31/12 12:00:00
# 1	123, ABCD		# 1 F2:Data

6. Press **▲** to move forward through the records.
Press **▼** to move backward through the records.
Press and hold the **▲** or **▼** keys to roll rapidly through the readings.

3. RS232 Port

This section is applicable if the optional RS232 port is fitted.

3.1 Data Format

When the User Data Entry function is turned OFF, refer to the **WP-80** handbook for details on data format.

When the User Data Entry function is turned ON, the data format is as per the details below...

Data is returned to the RS232 port by the **WP-80** in the following format...

LLLL♦DDD, DDDD♦PPPPPPuuu♦TTTTTTToC♦dd/mm/yyyy♦hh: mm: ss

where...

LLLL is the Log Number. Maximum 4 characters, right justified.
The **WP-80** sends a Zero for instant readings (see **WP-80** Handbook)

♦ is one space.

DDD, DDDD is User Entered Data. Always sent as 8 characters.

PPPPPP is pH or mV Data. Maximum 6 characters, right justified.

uuu is the unit description, either “pH♦” for pH or “mV♦” for mV, (where ♦ is one space).

♦ is one space.

TTTTTT is the Temperature Data. Maximum 6 characters, right justified.

oC♦ is the Temperature unit description. The **WP-80** sends “oC♦” for real temperature data, (where ♦ is 1 space), and “oCm” for manual temperature settings.

♦ is one space.

dd/mm/yyyy is the date, month and year data.

♦ is one space.

hh: mm: ss is the hours, minutes and seconds data.

When requested by a PC with the ?D or ?R commands (see **WP-80** handbook), the data is terminated with a carriage return.

When data is sent by the **WP-80** using the Print function (see **WP-80** handbook) or the Instant Send function (see **WP-80** handbook), the data ends with a carriage return and a line feed.