



PSP Ship Board Reader Operation

Select power source from either the adaptor or the 12V DC battery pack (4 AA batteries) and connect to reader.

After power is available, LCD displays Metertech/Miniphotometer followed by SYSTEM MENU1: ABS MODE. If option 1 is not displayed, toggle using SEL/ESC key until 1: ABS MODE is selected.

Absorbance Mode:

1. Press READ/ENTER key.
2. LCD displays ABS MODE/READ BLANK.
3. Fill one well of blank strip provided in accessory kit with DI water. Insert the blank well into the read position by advancing the strip into the reader until you hear first "click."
4. Press READ/ENTER key.
5. The unit will read and zero the blank well, and LCD displays 00 0.000ABS READSAMPLE?
6. Insert first sample well into the read position by advancing the strip until you hear first "click."
7. Press READ/ENTER key.
8. The Absorbance of the first sample is read and LCD displays 01 X.XXXABS, SET NAME MX? Record Absorbance in data sheet provided.
9. Press READ/ENTER key.
10. LCD displays 01 X.XXXABS MX, READ SAMPLE?
11. Advance the strip to next sample well.
12. Follow steps 7-11 until all sample wells are read.

*If you need to re-zero instrument, press SEL/ESC key to return to step 2.

Note: If filter is not properly installed in reader, LCD will display READ ERROR? Check and ensure that filter is in correct position, and press READ/ENTER button to repeat the last action.

After Analysis:

Turn off reader by simply unplugging power source and store in a dry place. Re-cap all reagents and store at (4-8°C). If desired, place extracted samples on their side in freezer for up to 7 days.

Reader Parameters: (Toggle through parameters by pressing SEL/ESC key, Press READ/ENTER to select parameter, modify parameter by pressing SEL/ESC key and READ/ENTER to save parameter)

1: ABS MODE	Read samples/stds in this mode
2: A-CONC MODE (1)	CONCEN=00000.00C
3: A-CONC MODE (2)	CONCEN=00000.00C
4: CUT OFF MODE	A,B,C,D,E,F=0.000
5: PRINT	NA
6: RS232	NA
7: CALIBRATION	COEFF=1.000

For ordering or technical assistance contact:

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22. LCD displays 01 X.XXXABS MX, READ SAMPLE?
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