

BWB Flame Photometer Quick Start Guide

1. After opening the shipping carton remove the documents packet. Take out USB thumb drive.
2. Unpack the Flame Photometer. Lay out the Starter Pack, Sample cups, Pipettes, Solutions, Volumetric Flasks, etc. Rinse these with DI Water and use to prepare Calibrating Solutions,
3. Fit the Nebuliser to the Mixing Chamber. (Fig 5.5 p13)
4. Plug the Power Lead into the Flame Photometer and the Mains Supply.
5. Fit the Gas tube to the machine and the Gas Supply. Turn on the Gas Supply.
Do the safety check on the Gas (Sect. 4.2)
6. Fit the Waste Drain tubing to the Drain Cup. (Sect. 43). Fill the U-tube with tap water. Ensure that the waste flows freely out of the cup to the drain. A bucket works fine.
7. Turn on the BWB Flame Photometer.
8. Turn on flame. Wait until the flame is lit and adjust the flame height (small cones @ 8-10 mm). View through inspection flap on side of chimney.
Note: be sure flap is Always closed when operating.
9. Fill a supplied sample cup with DI Water and use to aspirate during warm up.
10. While the BWB Flame Photometer is warming install the software onto a computer. (Sect. 10)
 - a. From the USB thumb drive choose the BWB FP-PC and follow the installation wizard.
 - b. Fit the RS232 or USB cable between the BWB Flame Photometer and the Computer.
 - c. Run the FP-PC software. See Software Guide on USB thumb drive for more details.
11. Put the BWB Flame Photometer into Read Mode.
12. Wait for machine to warm up and readings are stable.
This will take 25-45 minutes.
13. Check Flame height.
14. Select Calibrate. Follow on screen Instructions to Calibrate Ion/s (Sect. 5.9).
15. Test samples.
16. Always Aspirate with DI Water between samples.
17. If Ion readings drift then use the Calibration Correction facility. (Sect. 5.9)
18. Alter Decimal places or the Ion Readings to Increase reading Stability.
(Sect 5.7)

Items in Blue are not required for the BWB Flame Photometer to function but are beneficial feature of the BWB Flame Photometer package.

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+ CONTACT INFO
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Orders

admin@bwb-america.com

**Technical support
and questions**

technicalsupport@bwb-america.com

Business Matters

gary@bwb-america.com

Telephone

1 (800) 608-9870

Address

BWB Technologies USA LLC
18032 Lemon Dr. C-427,
Yorba Linda, Ca. 92886 USA

www.bwb-america.com



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