

PhD Plus Quick Reference Card

Operation	Procedure
Turn on	Press MODE button.
Turn off	Hold MODE button until display says "release."
Auto Cal	Turn PhD Plus on. Take to fresh air. Press MODE 3 times to enter "Auto Cal Mode." At prompt press MODE to Auto-Zero. At next prompt press MODE to begin Auto-Span. Attach calibration adaptor and fittings. Apply span gas. Remove fittings when complete. If Auto-Zero or Auto-Span fails see Reference Manual.

3OCT2005 - Rev. 3.0 - 13-040.doc Lars Boettern

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Test hand aspirated sample draw kit	Attach sample draw kit to instrument. Test for leakage by holding finger over end of probe. Then squeeze bulb. Bulb should stay deflated until finger is removed.
Use hand aspirated sample draw kit	Allow one squeeze of bulb for every one foot of hose for sample to first reach sensors. Continue to squeeze bulb once per second for 1 additional minute to complete sampling.
Test continuous sample pump	Slip pump onto instrument. PhD Plus will prompt for leak test. Hold finger over end of probe. Pump should shut down. Remove finger and reset pump by pressing MODE.
Use continuous pump	Pump must be tested prior to use. Allow one second for each foot of hose plus 1 additional minute to sample the environment.