



## SCHNEIDER LABORATORIES INCORPORATED

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## OPERATING INSTRUCTIONS for Sensidyne BDX II

### Low Volume Personal Sampling Pump

#### **General Information:**

Pump should be properly prepared which includes the charging and calibrating of the unit for proper flow rate. (verify information on your Certificate of Calibration)

#### **STANDARD FEATURES:**

- Flow Rate 500cc – 3000cc
- Built-in Rotameter
- Rechargeable Battery
- Will Operate 10 hours @ 2.0 LPM

#### **Operating Instructions:**

- Verify that the unit is properly charged
- Using a small Phillips screwdriver (provided with pump) back out the holding screw just enough so the anti-tamper cover plate can be rotated 180°. This exposes the ON/OFF switch and the flow adjust screw. (See Certificate of Calibration for flow rate)
- Assemble the cassette filter holder for the sampling media. Use the appropriate filter for the sampling method.
- Move the ON/OFF switch to the ON position.
- Using the built-in rotameter on the BDX II as a flow indicator only, verify that the unit is flowing at the required rate.
- The unit is now ready for sample collection.
- Attach the unit to the individual's belt or pocket. Attach the cassette to the clip assembly and position it in the individual's breathing zone.
- Run sample for 8 hours or time designated by the collector. Document flow rate and sampling time on your chain-of-custody.