



Operating Instructions

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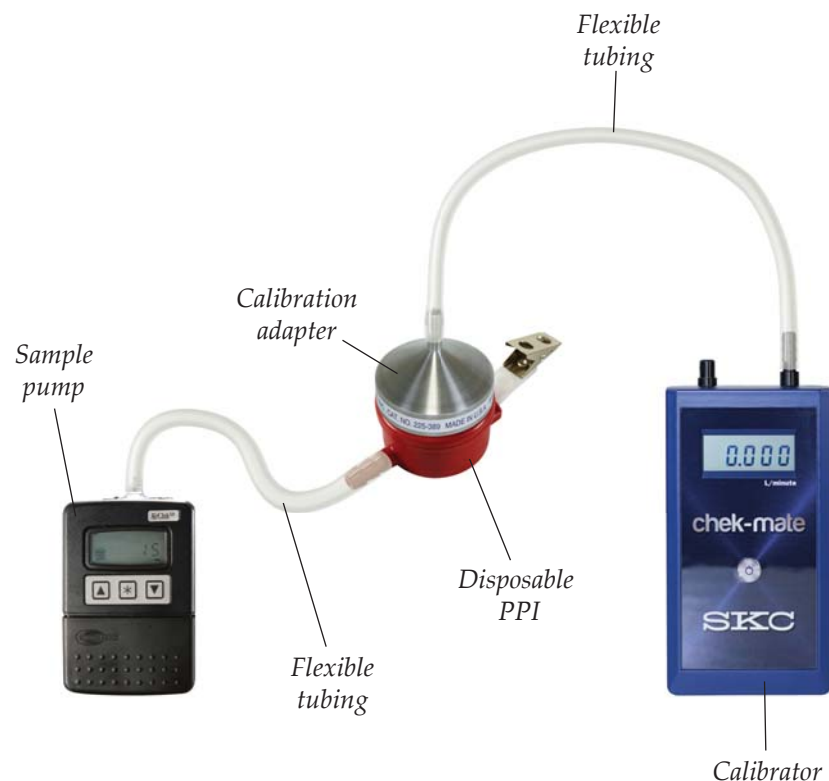
Disposable Parallel Particle Impactor (PPI) Calibration Adapter Cat. No. 225-389

Calibration

To use the Calibration Adapter (Cat. No. 225-389) with the Disposable PPI®:

1. Ensure the pump has run for 5 minutes before calibrating.
2. Align the bottom of the calibration adapter with the inlet plate of an assembled, loaded representative Disposable PPI and press down firmly until the calibration adapter's O-ring is engaged and creates an even seal.
3. Use flexible tubing to connect the exhaust of the Disposable PPI to the inlet of a sample pump.
4. Use flexible tubing to connect the inlet of the calibration adapter to the suction port (outlet) of a calibrator.
5. Calibrate to 2 L/min for the 2 L/min respirable and thoracic model PPIs, 4 L/min for the 4 L/min respirable model, or 8 L/min for the 8 L/min respirable model. Follow the calibration instructions in the pump and calibrator operating instructions.
6. When calibration is completed, disconnect the tubing from the calibrator and calibration adapter.
7. Grasp the Disposable PPI with one hand and the calibration adapter with the other hand. Firmly pull/twist to remove the calibration adapter from the Disposable PPI inlet plate.
8. Replace the representative Disposable PPI used to set the flow with a new loaded Disposable PPI for sample collection.

! **Caution:** Using excessive pressure to seal the calibration adapter to the Disposable PPI may make the calibration adapter difficult to remove.



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