

# Personal Ozone Monitor (POM)



The 2B Technologies Personal Ozone Monitor is the world's smallest UV-based ozone monitor. Weighing in at only 1 lb, the POM provides comparable accuracy and precision as conventional ozone monitors weighing 35-45 lb.

The POM, developed through a grant from the National Institute of Environmental Health Sciences (NIEHS) has been designated by the EPA as a Federal Equivalent Method (FEM) for ozone, meaning that its measurements are accurate and reliable enough to be used for monitoring for compliance with the US Clean Air Act.

## Applications

- Personal exposure monitoring for studies of health effects of air pollutants
- Health and safety monitoring at industrial sites using ozone
- Vertical profiling using balloons, kites, RPVs, and light aircraft
- Long-term monitoring at remote locations
- Urban arrays of ground-based detectors



**2B** Technologies

For more information: [www.twobtech.com](http://www.twobtech.com)