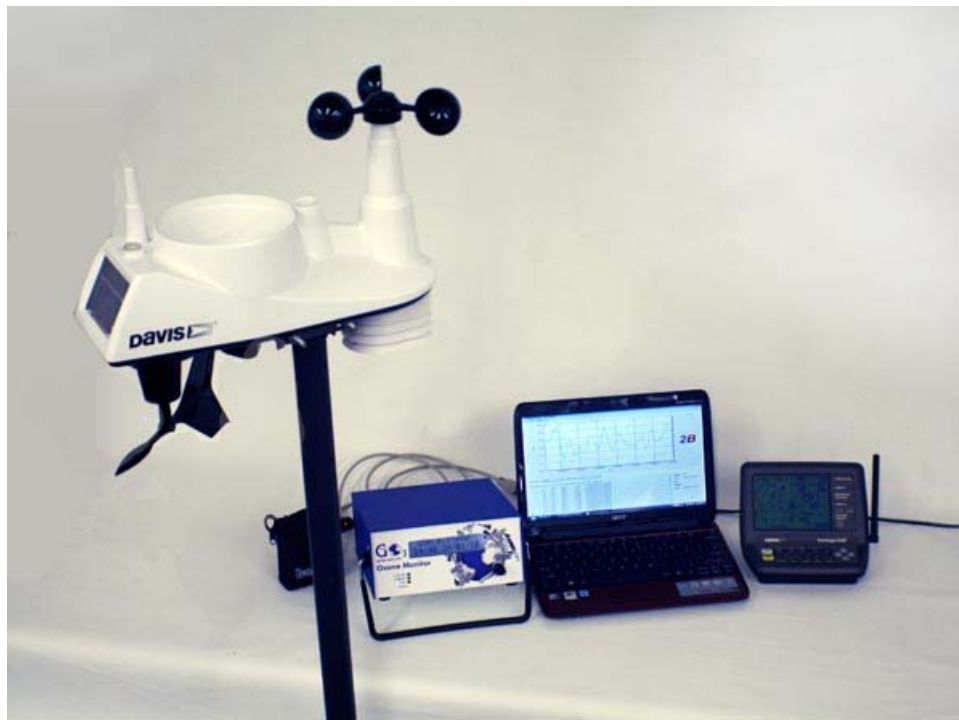


GO3 Project Instrument Package

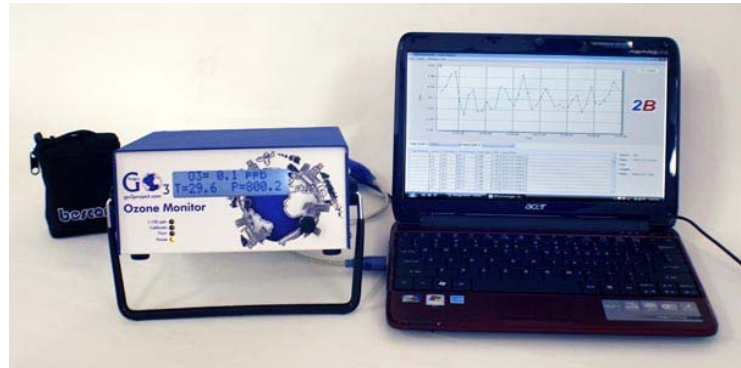


The [GO3 Project](#) provides schools with an instrument package for continuously measuring ozone and meteorological parameters and uploading those parameters to a database where current and past measurements may be displayed on an overlay in Google Earth. Schools may purchase the GO3 Package directly, or may [signup](#) with the [GO3 Foundation](#) for future sponsorship. The GO3 Foundation is seeking funding from federal grants, foundations, small businesses and large corporations to provide funding for the GO3 Package for schools throughout the world. Individuals are invited to purchase the GO3 Package and contribute to the global ozone database being developed through the GO3 Project. The instrument package contains everything needed to measure ozone, temperature, pressure, humidity, wind speed, wind direction and rainfall and consists of:

- GO3 Ozone Monitor with Silent, Long-Life Pump
- Davis Model 6250 Vantage Vue Weather Station
- Davis Weather Station Console and Data Logger
- Weather Station Mounting Stand
- Notebook Computer with Data Collection and Uploading Software Installed
- 50 Feet of Teflon-Lined Tygon Inlet Tubing
- External Ozone Zeroing Cartridge
- External Battery and Battery Charger for Personal Ozone Monitoring
- Filter Holder and Pack of 10 Teflon Particle Filters
- Serial Cable, USB Cable, Cigarette Lighter Adapter, Power Packs for Ozone Monitor and Computer
- Operating Manuals and Videos on CD and Installed on Computer

Ozone Monitor

The GO3 Ozone Monitor is a 2B Technologies [Model 106-L](#) Ozone Monitor with some modifications, which consist primarily of a silent, long-life air pump and a faceplate bearing the GO3 logo. The GO3 Ozone Monitor, like all 2B Tech instruments, is based on the fundamental method of UV absorbance at 254 nm, the method used by the US EPA at all of its monitoring sites. The design allows easy assembly and disassembly and minimizes the number of wiring connections, thus making the instrument easy to service and repair. Students and their teachers are encouraged to disassemble and reassemble the ozone monitor to better understand how it works. Technical specifications for the GO3 Ozone Monitor are identical to those of the Model 106-L and may be found [here](#).



GO3 Ozone Monitor, 12-hour battery pack and Notebook Computer.

GO3 Ozone Monitor are identical to those of the Model 106-L and may be found [here](#).

Weather Station

As part of the GO3 Project, schools are supplied with the [Model 6250 Davis Vantage Vue Weather Station](#). Davis is the leading supplier of portable weather stations, and their instruments are widely used by atmospheric scientists. The weather station measures outside temperature, barometric pressure, humidity, wind speed, wind direction and rainfall. The station is powered by its own solar panel. Data are transmitted wirelessly to distances up to 1,000 feet (300 meters) to an indoor Console. The console includes weather forecast icons, moon phase, sunrise/sunset times, graphing of weather trends, alarms and more. Also included in the GO3 package is a Davis data logger which allows the data from the weather station to be collected by the notebook computer and uploaded to Google Earth along with the ozone measurements.



Davis Vantage Vue Weather Station