Spring 2017

2B Technologies
An InDevR Company

2B Buzz

FEM Approval Pending for Our NO2/NO/NOx Monitor!

Pending publication in the Federal Register, our Model 405 nm NO_2/NO/NO_x Monitor will become a Federal Equivalent Method for compliance monitoring of NO_2. The instrument is the only one on the market today that provides a direct measurement of NO_2 (via absorbance at 405 nm), while also providing NO and NO_x measurements.

Unique in the market

Order by May 31 and mention this ad to get 10% off the purchase price.

More Info: Model 405 nm

AQTreks = Adventure + Science + Education

Help bring this to a school in your community

In our AQTreks program, high school students use portable instruments to measure Air Quality on treks of their own design, view real-time data on their smartphones, share the data to the cloud, and analyze it in the classroom. Your donation can make it happen in a school of your choice!

AQTreks Website

Donate to support a school via our Indiegogo crowdfunding campaign

The Personal Air Monitor (PAM) currently measures CO2, CO, PM1.0, PM2.5, PM10, temperature, pressure, and humidity.

Watch Our AQTreks Video

NASA's Atmospheric Tomography Mission: In Search of... the "Average" Atmosphere

2B Tech Instruments On Board

Lots of scientific attention is focused on the atmosphere during extreme events—forest fires, high-pollution urban episodes, and the like. A five-year NASA Earth Venture mission is underway to characterize the more typical atmosphere, on a global scale. The Atmospheric Tomography Mission (ATom) will "image" the chemical composition of the "uneventful" atmosphere in each of the four seasons. Flights will go nearly pole to pole and especially target the 70% of the atmosphere above the oceans.

Researchers from NASA, NOAA, NCAR, and several universities will deploy 15 instruments on NASA's DC-8. In an earlier life, this DC-8 carried commercial airline passengers--but now it is a world-class research aircraft. Over 20 different trace gases will be measured during several 30-day deployments during the 2016-2020 ATom mission. Flight plans call for sampling the atmosphere from the upper troposphere to the lower stratosphere, yielding a cross-section or "tomographic" dataset above the Pacific and Atlantic Oceans.

The atmosphere is relatively clean above the oceans-and therefore sensitive to change. The situation is optimal for studying how pollutants interact and affect airborne particles, ozone, and methane. These are key players in both air quality and climate.

The ATom mission is making news as it traverses the globe. Here's a video of some coverage it received earlier this year in New Zealand. Watch closely at 0:43 and 0:47 in the video and you'll see two of 2B Tech's instruments on board!

Video: ATom News

Employee Spotlight: Morgan Allers

2B Tech's Customer Relations Manager

If you've called 2B Tech to ask a question or order an instrument, you've likely talked with Morgan Allers. Morgan is our Customer Relations Manager, a.k.a. "the face of 2B Tech." For the past decade he has handled both sales and service requests, using his thorough knowledge of 2B Tech instruments to guide customers to the best solutions for their applications.

Morgan earned his B.A. in geography in 1998 from the University of Colorado Boulder. After a few years in restaurant management, he joined 2B Tech in 2006. His first 2 years of working in manufacturing gave him the detailed knowledge of 2B Tech instruments that underlies all of his interactions with customers. As 2B's sales have expanded over the past decade, Morgan's job has enabled him to work with people from all over the globe, which he greatly enjoys. Morgan lives in Golden with his wife and two children. Favorite adventures include running, hiking, and skiing in the mountains, and pursuing his interests in photography.

2B Technologies, Inc.
2100 Central Ave. Suite 105| Boulder, Colorado USA
303-273-0559 | sales@twobtech.com