**Air quality monitors gas**

**2BTech model 408 NO**

***Description:***

The Model 408 Nitric Oxide Calibration Source™ is a portable source of nitric oxide that allows you to calibrate any nitric oxide monitor. The instrument scrubs NO from ambient air and produces either zero air or air having a mixing ratio of NO in the range 10-1,000 ppb. The nitric oxide is produced by photolysis of nitrous oxide supplied by a "Whippit" cartridge, lecture bottle or small tank of N2O.

***Specification:***

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| **Method for Producing NO** | Photolysis of N2O at 185 nm |
| **Output Concentration** | 0 and 10-1,000 ppb |
| **Precision and Accuracy of NO Output** | Greater of 3 ppbv or 3% of reading |
| **Operating Temperature Range** | 0 to 40 °C |
| **Total Output Flow Rate** | 3 Liter/min |
| **Rise Time** | < 30 s to reach 95% of selected concentration |
| **Operating Temperature Range** | Greater of 3 ppb or 3% of reading |
| **Diagnostic Data Output** | RS232 |
| **Power Requirements** | 12 V dc or 120/240 V ac, 21 watt |
| **Size** | 3.7 x 8.5 x 9.5 in (9.4 x 21.6 x 24.1 cm) |
| **Weight** | 5.2 lb (2.4 kg) |