

# Custom Manufacturing and Rentals

**R**otek has expanded their product, manufacturing, and rental line in response to an ever increasing demand for specialized monitoring requests. Modification to existing monitoring equipment, custom design, and the manufacturing of specific monitoring equipment is necessary to meet today's customer needs and technological advances.

**Rotek** has facilities and technical expertise to custom fabricate environmental instrumentation and equipment to customer specifications. Rotek fabricates fixed and mobile portable stations designed specifically to house equipment used for the collection of air quality data (Figure 1).

**Rotek** also manufactures custom portable weatherproof enclosures to house specified samplers and support equipment. Additional O.E.M. equipment manufactured and assembled by Rotek includes:

- VOC tube samplers
- VOC canister samples (Figure 2)
- high temperature (TRS) converters
- heated impinger enclosures
- programmable lo-volume weatherproof samplers
- programmable lo-volume indoor quiet samplers
- directional sampling controllers

**Rotek** has a complete inventory of sampling and data collection rental equipment. Equipment is delivered directly to the site with a service manual and calibration certificate.

Rental is ideal for clients conducting short term surveys. Other benefits include:

- immediate delivery to your sampling site
- no capital investment associated with equipment purchases
- rental is tax deductible

**Rotek** staff can install and commission the supplied equipment or provide on-site operation and maintenance training, along with technical support as needed.



Figure 1 - Air Monitoring Station

Stock equipment includes:

- mobile air monitoring stations
- meteorological towers and associated sensors
- pre-programmed data loggers and communication packages
- recording devices
- continuous gas analyzers for SO<sub>2</sub>, TRS, CO, O<sub>3</sub>, NO<sub>x</sub> and THC
- VOC (volatile organic compounds) cartridge and canister samplers
- portable gas chromatographs
- PS1 (puf) samplers (Dioxin/Furans/PCB's)
- aldehyde samplers
- real-time TEOM particulate monitors (TSP, PM<sub>10</sub>, PM<sub>2.5</sub>)
- TSP (hivol), PM<sub>10</sub> and PM<sub>2.5</sub> samplers & consumables
- cascade impactors
- directional controlled samplers
- programmable lo-volume sampling pumps for arsenic and lead sampling
- programmable indoor lo-volume sampling pumps (Figure 3)
- dustfall jars
- personal exposure monitors
- gastec tubes and various other sampling pumps

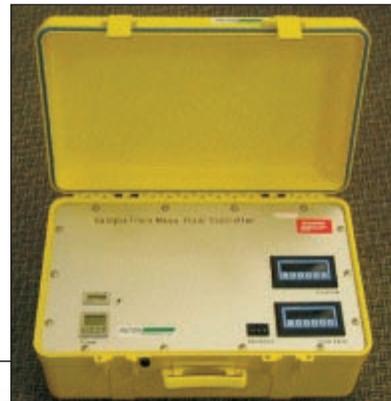


Figure 3 - Low Vol Sampler



Figure 2 - VOC Canister Control module