

The Ion Science Cub is the world's smallest, lightest personal PID monitor for the accurate detection of volatile organic and total aromatic compounds. Cub gives an indication of harmful gases including benzene before they reach levels which are harmful.

Cub is available in three distinct variants; ppm, ppb and TAC mode. Choose a ppb or ppm instrument with 10.6 eV lamp for accurately detecting a wide range of VOCs dependent on your sensitivity requirements. CubTAC with 10.0 eV lamp gives accurate detection of total aromatic compounds (TACs) down to ppb levels, and Cub 11.7 offers the widest VOC detection range of any personal VOC detector.

FEATURES

Best available photoionization (PID) detection

- PID independently verified as best performing on the market
- Widest range detects gases 0 to 5,000 ppm
- Built-in humidity resistance with no need to compensate
- Anti-contamination design for extended field operation

Safety

- Fastest (<13 second) response to hazardous gases & vapors
- Clear audio, visual and vibrating alarms
- Large LCD display for clear readings
- Long battery life (12 hours)
- Meets ATEX, IECEx (US & Canadian certification pending)

Ease of use

- Smallest, lightest personal PID monitor available
- Simple one button operation
- Intuitive software and simple calibration routine
- Easy to service
- Easily upgrade your instrument

Low cost operation

- Inexpensive consumables and parts
- 2 year warranty when instrument is registered online



APPLICATIONS

- Industrial hygiene
- Chemical and petrochemical plants
- Oil & gas
- Pharmaceuticals
- Health & safety
- Hazardous materials
- First response
- Environmental

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • FAX (303) 322-7242

email: sales@geotechenv.com • website: www.geotechenv.com

SPECIFICATIONS

Sensitivity	0.001 ppm (isobutylene equivalent)* 0.002 mg/m ³ (isobutylene equivalent)*
Accuracy	±5% display reading + one digit
Response Time	<13 seconds (T90)
Approvals	Europe: ATEX: CE, Ex II 1G, Ex ia IIC T4; -20°C ≤ Ta ≤ 55°C IECEX: Ex ia IIC T4 -20°C ≤ Ta ≤ 55°C China: Ex ia IIC T4 -20°C ≤ Ta ≤ 55°C US and Canada: Certification pending
Battery	Battery life up to 12 hours Battery charge time 4 hours
PID Lamp Options	10.0 eV, 10.6 eV, 11.7 eV
Data Logging	30,000 readings
Communication	USB 2.0
Alarm	LEDs, audio and vibrate Sounder 95 dB Pre-programmed TWA & STEL. Work exposure alarm levels on all models.
Temperature	Operating: -20 to 55°C, -4 to 131°F Humidity Handling: Fence Electrode Technology
Weight & Dimensions	111 g (3.91 oz.) 61 x 66 x 33 mm (2.4 x 2.6 x 2.2 in.)
Resolution	10.0 eV TAC: 0.01 ppm 10.6 eV ppm: 0.1 ppm 10.6 eV ppb: 0.001 ppm 11.7 eV ppm: 0.01 ppm
Range	0-5,000 ppm
Calibration	2 point calibration via docking station
Upgradeable	Upgrade ppm to ppb
IP Rating	Designed to IP65 (heavy rain)
LCD Display	Back lit multi-color
Flow Rate	N/A (no pump)
Docking Station Options (Optional)	Charge only Charge and USB communication Charge, USB communication and calibration

*Model dependant

Specifications can change without notice.



Ion Science Cub
mounted on Optional Docking Station

WHATS IN THE BOX

The box contains the instrument, Cal certificate, calibration cup and accessory kit (2 spare O rings and 2 filters).

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • FAX (303) 322-7242

email: sales@geotechenv.com • website: www.geotechenv.com