CUB
For an accurate detection of VOCs (Volatile Organic Compounds) and TACs (Total Aromatic compounds)

INTRODUCTION
Cub is the world’s smallest, lightest personal PID monitor for the accurate detection of volatile organic and total aromatic compounds. With market leading parts-per-billion (ppb) sensitivity, Cub gives an early warning of hazardous gases, including benzene, before they reach levels which are harmful.

- Unrivalled sensitivity detects down to ppb levels
- Widest range detects gases ppb – 5000 ppm
- In-built humidity resistance with no need to compensate
- Fast (<5 seconds) response to hazardous gases & vapours
- Clear audio, visual and vibrating alarms
- Large LCD display for clear readings

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. Cub TAC with 10.0 eV lamp gives accurate detection of total aromatic compounds (TACs) down to ppb levels.

Small, compact and lightweight Cub is robust yet comfortable and unobtrusive to wear. Cub has a dynamic range of 1 ppb to 5000 ppm, the widest on the market measuring over 480 selectable compounds.

When worker exposure exceeds pre-set limits the instrument’s audible, vibrating and flashing LED alarms alert you to the gases present. Readings are displayed in ppb and ppm on its bright, back-lit LCD display with selectable data logging time.

Upgradeable ppb sensitivity can be purchased quickly and easily. CubDoc docking stations are available for USB communication, charging and calibrating your instrument, dependent on your requirements.

TECHNICAL FEATURES
Battery: Battery life up to 16 hours – Battery charge time 4 hours
PID lamp options: 10.6 eV, 10.0 eV
Data logging: 30,000 readings
Communication: USB 2.0
Alarm:
LED’s, audio and vibrate
Sounder 86 dB @ 300mm
Pre-programmed TWA & STEL
Work exposure alarm levels on all models
Temperature:
ATEX/IECEx: II2G Ex d II • B+H2 T4 Gb (-20°C to +55°C)
Weight and dimensions: 111g • 61 x 66 x 59 mm
Resolution: 0.001 ppm
Range:
0.1 ppm – 5000 ppm
ppb 0.001 – 5000 ppm
TAC 0.01 – 5000 ppm
IP rating: Designed to IP65 (heavy rain)
LCD display: Backlit multi-color
Flow rate: N/A (no pump)