

Safe - T - Cube

Area Gas Monitoring

EnviroMed
DETECTION SERVICES
A Division of EnviroMed Analytical Inc.

SERVING EASTERN CANADA SINCE 1991



TRANSPORTABLE, AREA GAS MONITOR for use with the Impact and Impact Pro

FEATURES:

Portable and Robust

- Impact-resistant metal case
- Convenient carry handle

Powerful Audible Alarm

- Two sounders on each side
- Two-tone sounder
- 100 dBA at 1 meter

High Visibility Alarm

- High intensity Xenon beacon
- 360° visibility
- Confidence flash every 10 seconds
- Continuous flash for gas alarm

Power Supply

- Integral, Rechargeable Battery
- Low Battery Warning

Intrinsically Safe

- Certified to EEX ia IIC T4 as suitable for use in areas where explosive gasses are normally present

The Safe-T-Cube enables an Impact or Impact Pro personal gas monitor to be used for AREA MONITORING without any modification to the gas monitor itself.

Acoustically coupled to the gas monitor, the Safe-T-Cube responds to any monitored alarms by operating its audible and visual indicators. These indicators comprise a two-tone sounder fitted to each side of the Safe-T-Cube case and a high visibility beacon on the top, either of which is able to attract attention over a wide area. A number of workers have the reassurance of protection even though they may not be in direct view of the gas monitor.

Independently powered by its own lead-acid battery, the Safe-T-Cube is certified intrinsically safe for explosive areas.

It is ideal for confined space applications in the construction, tunnelling and shipping industry. Several Safe-T-Cubes can be positioned at perimeters to protect workers from gases which may drift into their area of work.

Safe-T-Cube provides a convenient solution to your semi-permanent gas monitoring needs during plant shutdown and during planned maintenance.



Other Impact Accessories



The cost-effective Enforcer helps you to easily comply with regulations requiring the regular testing of instruments. It can automatically bump test Impact multi-gas monitors in less than twenty seconds, with full calibration in 90 seconds. It

also reduces cost by avoiding the need for specialist knowledge and equipment, or subcontracting to expensive third parties, which also adds delays.



Safelink adds an extra safety dimension, enabling two-way communication in difficult areas. Easy to use, the system links two Impact Pro multi-gas monitors together, allowing a co-worker in a confined space to be monitored remotely, as well as providing a means of exchanging messages.

INSTRUMENTATION FOR A SAFER, HEALTHIER ENVIRONMENT

Specification



Features

Portable and Robust

The Safe-T-Cube is portable and robust with a high-visibility, yellow, metal case and a convenient carry handle.

High level audible alarm

Two sounders, positioned on either side of the cube, produce a tow-tone audible warning at 100bBA at 1 mete when in alarm condition, so the alarm can be heard in noisy environments.

High visibility alarm

A large, high-intensity, Xenon beacon at the top of the Safe-T-Cube flashes continuously with the audible signal in the event of an alarm condition. During normal conditions, the beacon can set to flash periodically, giving the user reassurance that the monitor is switched on and is operational.

Rechargeable Power Supply

The Safe-T-Cube is powered by its own integral rechargeable battery, and is easily recharged using a dedicated charger. Charging is permitted only in a safe area. In the event of a low battery, a low battery warning is emitted.

Easy to Use

The Safe-T-Cube is very easy to use. Once the personal monitor is in position and has run through its self-check tests, switch the Safe-T-Cube on and the unit is ready to use.

IS approved

Certified intrinsically safe to EEx ia IIC T4, the Safe-T-Cube is suitable for use in the most hazardous environments.

Applications

The Safe-T-Cube is of particular value in areas where the ambient noise level is too high to ensure that the alarm on a personal monitor will be easily heard.

As well as having confined space applications in the construction, tunnelling, and mining industries, the Safe-T-Cube provides open-air perimeter monitoring, protecting workers from hazardous gases impinging on their work area. One or more Safe-T-Cubes may provide a warning to a group of workers, for example, on oil production platforms where pipes may fracture, or in general industrial use where machinery is continually running.

Specifications

Indicators

Visual - Xenon Beacon, White

Audible - Two Sounders, 100 dBA at 1 meter, typical

Power Supply

Battery - Lead-acid rechargeable battery pack

Capacity - 100 hours minimum if no alarm occurs. 5 hours minimum in alarm mode

Charging - 15 hours typical

Operational temperature

-10° to +40°C

Storage Temperature

-10° to +40°C

Operational/Storage Humidity

0% to 96% RH

Protection

Ip54

Dimensions

240mm x 320mm x 270mm

Weight

9.0kg excluding monitor



EnviroMed Detection Services
26 Glencoe Drive,
Mount Pearl, NL A1N 4S8

Ph: 709-368-9000
Toll Free: 1-800-561-0043
Fax: 709-368-1256

www.enviromed.ca
enviromed@enviromed.ca

Total Care Warranty

With the purchase of a new gas monitor from EnviroMed, your Total Care Warranty is included at no extra charge. That's our commitment to you.

- 24-hour Support and Service
- Extra 3-month labour warranty
- Loaner unit available during warranty repair
- Full Warranty Service Center
- Disposal of used EnviroMed cylinders
- Rental units available from our large rental fleet

TRAINING, CALIBRATION, SERVICE, AND WARRANTY REPAIRS ARE LOCALLY AVAILABLE FOR GAS MONITORING EQUIPMENT AT ENVIROMED'S FULL-SERVICE LABORATORY.

ENVIROMED CARRIES A FULL LINE OF SUPPLIES, INCLUDING CALIBRATION GAS, REGULATORS, SAMPLE TUBING, FILTERS AND SPARE PARTS.