

**PRODUCT DATA**

# Safe-T-Cube

## Transportable gas detection

The Safe-T-Cube enables the Neotronics Impact personal gas monitor to be used for area monitoring without any change to the instrument itself. The Impact sits inside the Safe-T-Cube to create a transportable gas detection and alarm system.

The alarm signal from the Impact/Impact Pro is transmitted via an acoustic coupler to the Safe-T-Cube which is fitted with high intensity audible and visual alarms to attract attention. Even 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. Safe-T-Cube is certified for use in zone 0, 1 and 2 hazardous areas and 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 planned maintenance.

### Portable and robust

- Impact resistant metal case
- Convenient carrying handle

### Powerful audible alarm

- Two sounders on either side
- Two tone sounder
- 100 dBA at 1 metre

### High visibility alarm

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

### Rechargeable

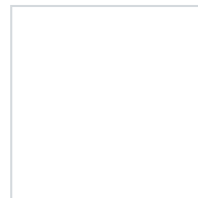
- Integral battery
- Low battery warning as standard

### Intrinsically safe

- Suitable for use in zone 0, 1 and 2 hazardous areas

### Applications

- Tunnelling
- Plant shutdowns
- Perimeter monitoring
- Trench and pipeline work
- Shipping industry

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# General Specification

## Standard Specification

### Use:

Protection of workers in open area from flammable, oxygen and toxic gas hazards

### Technique:

Fitted with Impact, Impact Pro or Minigas Mk5 gas detector

### Gases and ranges:

See Impact, Impact Pro and Minigas Mk5 specification

### Construction:

High visibility, yellow, steel housing with carrying handle

### Size (D) x (H) x (W) (approx.):

240 mm x 320 mm x 270 mm (9 1/2" x 12 3/4" x 10 1/2")

### Weight:

9 kg, 4.1 lbs

### IP rating:

IP54

### Operating temperature:

-10°C to +40°C

### Storage temperature:

-20°C to +50°C

### Humidity:

0 to 95% RH

### Audible alarm:

Two high intensity audible alarms 100 dBA at 1m (3.3')

### Visual alarm:

High intensity Xenon flash type with 360° all-round visibility

### Battery performance:

Sealed lead acid rechargeable type  
100 hours operation with no alarms  
5 hours minimum under full alarm  
15 hours recharge time

### Approvals:

BASEEFA: EEx ia IIC T4 (ATEX Applied for)  
Certificate no. Ex 95C2154X

### Part number:

Safe-T-Cube I.S.

P300 1738 00

### Charger power supply:

UK 240 V

P300 1737 02

Euro 220 V

P300 1737 01

North America 120 V

P300 1737 00

[www.zelana.com](http://www.zelana.com)

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### Please Note:

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