

# Zero Calibration Kit

Hand held unit which provides a fast and cost-effective method for calibration

The Zero Calibration Kit produces carbon dioxide free air from ambient air. The unit includes all the necessary components for calibration of any Senseair® CO<sub>2</sub> sensor. The kit consists of a carrying case including charger and replacement cartridges. The indicators on the unit advise when to charge and replace the CO<sub>2</sub> absorbent cartridge.

The Zero Calibration Kit produces a calibration gas, free of CO<sub>2</sub> through chemical absorption (soda lime). The CO<sub>2</sub> removal is accomplished by passing air through cartridges containing soda lime. A chemical reaction between the CO<sub>2</sub> and soda lime results in CO<sub>2</sub> reduced “clean” air.



## Specification

Functional principle	Neutralising CO <sub>2</sub> from the air
Cleanness	20–25ppm CO <sub>2</sub> gas flow out
Response time	90sec neutralised CO <sub>2</sub>
Dimensions	156 x 89 x 26mm
Gas flow	320–340ml/min
Weight	271g
Maintenance	Change of cartridges
Operation temperature range	0–45°C
Storage temperature	0–50°C
Operating humidity	0–85%RH (non-condensing)
Battery type	Li-Ion, 7.2V 2350mAh
Multicharger	220/115VAC, 12VDC, 0.5A

## Zero Calibration Kit includes:

- Multicharger (EU, UK, US)
- 10 cartridges
- Silicone tube 2\*4mm
- Carrying case
- Manual

