

# Zero Calibration Kit



The Zero Calibration Kit provides a fast and cost-effective method for calibration. The unit produces carbon dioxide free air from ambient air.

The hand held Zero Calibration Kit 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 result in CO<sub>2</sub> reduced "clean" air.

## SPECIFICATION

ART. NO. 00-0-0022

|                       |   |
|-----------------------|---|
| Functional principle  | Neutralizing CO <sub>2</sub> from the air |
| Cleanness             | 20-25 ppm CO <sub>2</sub> gas flow out    |
| Response time         | 90sec neutralized CO <sub>2</sub>         |
| Dimensions            | 156 mm 89 mm 26 mm                        |
| Gas flow              | 320-340ml/min                             |
| Weight                | 271g                                      |
| Maintenance           | Change of cartridges                      |
| Operating temperature | 0 to 45 °C                                |
| Storage temperature   | 0 To 50 °C                                |
| Operating humidity    | 0 to 85% RH (non-condensing)              |
| Battery type          | Li-Ion, 7.4 V.                            |
| Multicharger          | 220/115V, 12 V.DC 0.5 A                   |

## Zero Calibration Kit Includes:

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



## Accessories:

ART. NO. 00-0-0026

5 cartridges for Zero Calibration Kit