

# SensorDisc™

Wireless compact data logger with built-in sensors for school science



## External CO<sub>2</sub> Sensor for SensorDisc™ Data Logger

### Specification:

1. Probe range: 0 to 5000 ppm
2. Probe accuracy:  $\pm 50$  ppm


### What's in the Pack:

CO<sub>2</sub> Sensor Probe only



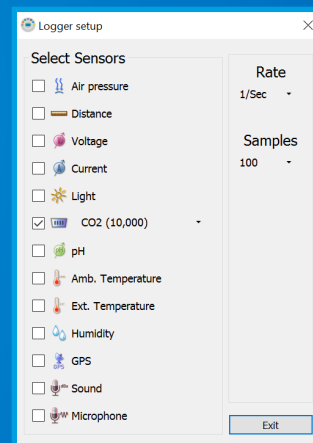
Find out more about SensorDisc™ at [www.philipharris.co.uk/SensorDisc](http://www.philipharris.co.uk/SensorDisc)

## Preparing the CO<sub>2</sub> Sensor Probe

1. Connect the CO<sub>2</sub> Sensor Probe adapter to the Micro-USB external probe socket on the SensorDisc Data Logger. Make sure that the USB sign on the adapter cable connector is facing up.
2. Turn on the SensorDisc Data Logger.
3. If this is the first time you are using the CO<sub>2</sub> probe – connect the SensorDisc Data Logger to its AC/DC adapter and let the probe run for 24 hours warm-up in order to reach best accuracy.
4. Click on the probe key  located above the external probe socket where you've plugged in the CO<sub>2</sub> probe. If this key has two probe icons, you might need to press it twice to show the CO<sub>2</sub> probe.
5. The probe needs 30 seconds to “warm-up”. During this time, the SensorDisc Data Logger will show 5000 ppm. After the “warm-up” time the SensorDisc Data Logger will display 350 to 600 ppm in a ventilated room.
6. When using the CO<sub>2</sub> Sensor Probe, the SensorDisc Data Logger will not enter “sleep-mode” to avoid warming up the probe for 30 seconds before each measurement.
7. The SensorDisc Data Logger shows the CO<sub>2</sub> Sensor Probe readings in “ppm” units.

## Using the CO<sub>2</sub> Sensor Probe with the SensorDisc Data Logger Analysis software

1. Open the SensorDisc Data Logger Analysis software.
2. Make sure it is connected to the SensorDisc Data Logger via USB or Bluetooth communication.
3. Click the SETUP icon to open the Logger setup dialog box (figure 1).
4. The CO<sub>2</sub> probe is automatically identified by the software.
5. To select this probe, simply click on selection button to the left of the CO<sub>2</sub> Sensor Probe icon.



(figure 1).

