

Available Tube Cap Adapters:

TC-1: 3mm side mounted ports



TC-2: 3mm top mounted ports



TC-3: 4.5mm top mounted ports



TC-4:



TC-5:



List of Compatible Sensors:

AP-0001: Alphasense 25% Oxygen Smart EC Sensor

AP-0005: Alphasense 5,000ppm Carbon Monoxide Smart EC Sensor

CU-1000: Infrared Methane CH4 Gas Sensor

GC-0006: ExplorIR®-W 20% CO2 Sensor

GC-0007: ExplorIR®-W 60% CO2 Sensor

GC-0015: ExplorIR®-W 5% CO2 Sensor

GC-0016: ExplorIR®-W 100% CO2 Sensor

GC-0017: SprintIR®-W 20% CO2 Sensor

GC-0018: SprintIR®-W 100% CO2 Sensor

GC-0024: ExplorIR®-M 5% CO2 Sensor

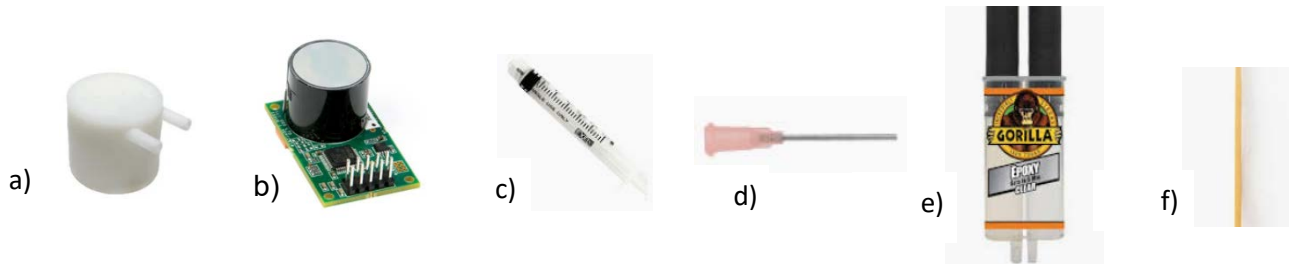
GC-0025: ExplorIR®-M 100% CO2 Sensor

GC-0026: ExplorIR®-M 20% CO2 Sensor

OX-0052: UV Flux 25% Oxygen Smart Sensor

Needed material:

- a.) Tube Cap
- b.) Sensor
- c.) 5ml luer lock syringe
- d.) 18 Gauge luer lock needle
- e.) 2-part clear epoxy
- f.) Stirrer



Step 1) Prepare sensor and tube cap

- a) With a dry paper towel, wipe away any dust or debris on the barrel of the sensor
- b) With a dry paper towel, wipe away any dust or debris on the inside of the tube cap

Step 2) Prepare the epoxy (**Epoxy will have a 5-minute working time before it begins to harden**)

- a) Remove plunger to open the syringe
- b) Apply an equal amount of each part of the epoxy into the syringe
- c) Use the stirrer to mix the epoxy
- d) Put the plunger back in the syringe
- e) Face syringe into a paper towel and compress syringe in order to remove all excess remaining air. Be careful to not press out the epoxy mixture
- f) Apply 18-gauge luer lock needle to the syringe

Step 3) Apply a bead of epoxy around the circumference of the sensor barrel about mid-way of the height of the sensor.

Step 4) Slide the tube cap onto the sensor with a back and forth twisting motion

Step 5) Turn the tube cap to the desired orientation

Step 6) The epoxy will harden in 30 min. Allow 2-3hrs in order to guarantee that the resin has completely hardened.

NOTE: Pay close attention to the position/ timing of the ports on the tube cap. The orientation of the pins on the sensor should be taken into consideration.