

# ECOMCAPTURE

## REMOTE, CONNECTED CANISTER SAMPLING



ECOMCAPTURE



BLE communication



ECOMESURE's continuous monitoring systems



Online platform (<https://i-comesure.com>) for visualizing and processing data and setting trigger levels.



ECOMCAPTURE by ECOMESURE is an innovative, connected solution for collecting and analyzing the air quality at polluted sites and soil.

ECOMCAPTURE uses the Bluetooth Low Energy (BLE) protocol to remotely activate air sampling canisters when pollution peaks are detected by an ECOMESURE monitoring device.

The blue LED lights up when sampling is in progress. Users also receive an email or text message with sampling start and end times notifying them that canisters are ready to be taken to the laboratory for analysis.

ECOMCAPTURE intelligently adapts to in-field conditions by collecting air only when threshold values are exceeded. This translates into real cost savings for project owners and engineering firms by enabling them to send out their teams only when necessary.



### BENEFITS

- + Remote activation of sampling
- + Programmable sampling times
- + Laboratory analysis only when necessary
- + Intermittent or continuous capture



### APPLICATIONS

- + Environmental remediation
- + Monitoring of contaminated sites and soil
- + Sentinel monitoring of industrial sites

## ECOMCAPTURE

## TECHNICAL SPECIFICATION

Dimensions	H3.5" x W7" x L7.8" (H90 x W180 x L200 mm) Weight: 1.98 lbs (900 g)
Activation of sampling	Automatic or manual
Sampling time	Programmable: 1 minute to several hours
Sampling indicator	Blue LED lights up during sample collection
Connectivity	Bluetooth Low Energy (BLE)
Access to data	<a href="https://i-comesure.com">https://i-comesure.com</a>
Web services	Mapping   Multi-data display   Device status   Device remote control   Data storage   Data download   Configurable alerts/alarms   Data analytics reports   Virtual Integrated Devices (VID)   Data ciphering   API   Database export   Data logger
Power supply	12 VDC 2A max Built-in battery for a 10 hours of continuous sampling time
Device compatibility	EcomSmart 2, EcomZen 2, EcomTrek
Canister compatibility	Passive canisters of all types (not supplied).
Operating temperature range	-20 °C to +50°C. Charge temperature range of battery: 0 °C to 35 °C.
Protection rating	IP66
Certifications	CE class B, FCC class A, RoHS

Example of a threshold exceedance as seen on the online platform

