

# ENVIRONMENTAL ANALYSIS MOBILE LABORATORY



## Main System Features:

- All the internal walls, the ceiling and the doors are insulated with insulating plates and covered with a multi-layer wood paneling covered with a white, washable plastic sheet. On the floor there is a layer of plywood covered with a gray PVC anti-slip carpet, which is also washable.
- Direct access to the laboratory compartment from the right side of the vehicle.
  - Desk divided into two workstations, mainly used as a "work area" which then continues with the service compartment supporting: a hood, a metal cabinet and a washbasin
  - Chemical extractor hood duly adapted to the specific set-up, bound to the table by means of suitable fixing systems
  - Five containers for special waste for the disposal of products handled during the use of the hood.
  - Metal cabinet in which the acids are contained.
  - A fridge / freezer
  - An air conditioner with heat pump technology is installed on the roof of the vehicle, close to the driver's cab.
  - To guarantee efficient lighting on the work surface, 4 neon 230 VAC 26 W ceiling lights are installed under the wall units. Two 230 VAC 18 W neon ceiling lights are installed on the roof of the vehicle.
  - Each individual lighting fixture is equipped with its own independent ignition switch.
  - A stationary compact personal computer is positioned above the desk in the office area by means of an anchoring metal plate
  - By opening the 2-leaf door located on the rear of the vehicle, you access the service compartment which contains all the PPE and equipment to be used outside the laboratory.
  - The service compartment is composed of a vertical bulkhead that divides it from the laboratory and a shelf under which the spaces for positioning a drawer unit, **the generator set and the water loading and unloading tanks have been obtained, capable of delivering up to 4,200 W continuous at full load, with an operating voltage of 230 VAC. The unit primes diesel fuel from the vehicle tank.**