

MOBILE HYGIENIC - EPIDEMIOLOGICAL LABORATORY PHEL-2

DESCRIPTION:

The mobile hygienic-epidemiological laboratory is intended for ensuring the basic laboratory examinations for the hygienic and anti-epidemiological securing the troops in the field conditions inclusive the veterinary examination.

It enables, thanks to its personal and device equipment, the accurate laboratory determination of the parameters of food, water, external ambient samples and biological materials which unwholesomeness would have, in case of using or in the contact with people in the field conditions, the negative influence on the human health and troops fighting capacity. It also enables the sample examination concerning the determining of the values of theirs contamination by the biological substances.



THE PHEL-2 SER CONSIST OF

- TATRA 815 4x4 chassis;
- ISO 1D box bodywork with the container fixtures;
- Two-axle PANAVER trailer with the built-in 16 kW generating set and hermetic area for the material transport;
- Inflatable tent for the preparatory working place with the connection to the rear wall of the box bodywork;
- Basic technology ensuring the set driving through the contaminated area and internal climate of the working place (FVZ filtering and ventilating device, Independent heating, air conditioning).



PHEL-2 LABORATORY BASIC EQUIPMENT:

- Communication means for co-operation with the mobile biological teams, water management with the transported water reserve, in the laboratory treated water, gas distribution, electrical distributions;
- Laboratory devices: special fume hood, biological insulator, Stericell 55 sterilizer, Incucell 55 microbiologic incubator, Friocell 111 cooled incubator, CL 31 centrifuge, table autoclave, water bath, refrigerators with the freezing box, transportable cooling boxes, collecting set for the vacuum filtering etc.

