

BIOCHEMICAL-HEMATOLOGICAL LABORATORY

BHL-PN

DESCRIPTION:

Container biochemical-hematological laboratory (BHL-PN) is intended for carrying-out of biochemical and hematological examination for the use of field hospital – especially for pre-operative examination of blood derivatives and urine of wounded and diseased persons, for the primary diagnostic of serious illnesses and for the monitoring of their treatment in field conditions. BHL-PN also serves as the blood bank (store of the transfusion blood preparations in the cooling/freezing box).

BHL-PN CONSIST OF

- container ISO 1C type 5443;
- basic technology for preservation of microclimate requirements in the working part (air-conditioning unit, ventilation unit, heating aggregates);
- specific inner build-in for ensuring the laboratory examinations with the following main equipment:
 - freezing and cooling box Labor 380 2T;
 - cooler Miele K 621;
 - centrifuge B4i Jouan;
 - defroster of the blood plasma Tool PR 30-300;
 - hematological analyzer Advia 60;
 - biochemical analyzers Vitros DT 60 II and Piccolo Abaxis;
 - ID centrifuge 6S Diamed;
 - ID incubator 37 SI Diamed;
 - analyzer of blood gas Abbot and Stat;
 - other equipment and accessories for the extension of the work place;
- water system and automatic extinguishing system Firestop.

BASIC TECHNICAL AND TACTICAL DATA:

- outside dimensions (l x w x h): 6 058 x 2 438 x 2 438 mm
- shipping weight: 5 636 kg \pm 2 %
- total max. container weight: 12 000 kg
- stock ability: 3 rows
- operation conditions:
 - exterior temperature - 20 °C to + 55 °C
 - relative damp to 90 % on + 30 °C
 - dustiness of air 1,5 g.m³
(measured in height 0,5 m above terrain)
- operator: 2 persons

