

LAMSYSTEMS

AUTOCLAVE MICROWAVE DISINFECTION UNIT FOR DECONTAMINATION THE MEDICAL WASTES

LS-AMVU-18

Function: Disinfection of epidemiologically dangerous medical waste.

PROCESSING
CYCLE
25 min



PATENTED WORK PRINCIPLE OF EQUIPMENT

The effectiveness of disinfection of the pathogenic biological agents was confirmed
by Scientific Research Institute of Disinfectology of Rospotrebnadzor
(Test report No. 02.47-4611/21 dt. 17.08.2021)

MODE OF OPERATION:

Disinfection is ensured by a uniform volumetric microwave heating with the formation of steam.

The device ensures reliable disinfecting of waste.

In the process of disinfection the medical waste infected with dangerous agents are disinfected to the category of safe medical waste and do not require specialized disposal methods. Disposal of disinfected waste is carried out as solid waste.

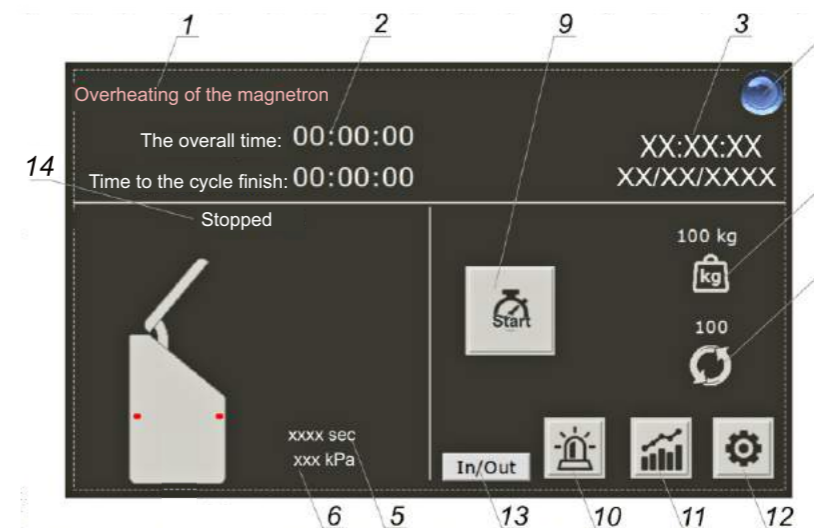
The device with system of control and management of **PPE LAMSYSTEMS INTELLECT**



ADVANTAGES AND ADDITIONAL DESCRIPTION:

- The processing cycle is 25 minutes.
- Low power consumption.
- Do not need the specially trained personnel
- Do not need the providing of additional engineering communications (water, sewage).
- Equipped with a GSM module that allows you to remotely work with reports and monitor the compliance with the modes of disinfection, work time, mass and volume of recycled waste, as well as archive the statistical data in external cloud service.
- The reduction in costs for the export of medical waste.
- The device can be located at borders of the hazard zone, excluding the movement of infectious objects. Excludes the crossing of clean and dirty waves.

LS-AMVU-18 control is carried out using a sensory control panel



- 1. Alarm messages.
- 2. Total operating time counter/countdown timer of the current cycle of the decontamination
- 3. Time of day/current date.
- 4. Operating indicator: green - cycle disinfection; red - alert condition; grey - inaction.
- 5. Stated time of cycle disinfection in seconds.
- 6. Stated work pressure of cycle disinfection in kPa.
- 7. Counter of total mass of load for disinfection (for all controlled cycles) of the disinfection cycle.
- 8. Counter of the completed decontamination cycles.
- 9. Start / stop of disinfection.
- 10. Register of alarm events
- 11. Register of statistics of decontamination cycles
- 12. Configuration.
- 13. In / Out – monitoring of the current work parameters
- 14. Field of information messages in the stages of the disinfection cycle.

MAIN PARAMETERS

Overall dimensions of the case with a closed cover* /WxDxH/, mm.....	550x620x1100
Overall dimensions with a raised cover* /WxDxH/, mm.....	550x620x1323
Disinfection chamber:	
- diameter, mm.....	310
- depth, mm.....	320
- estimated volume, l.....	≈25
Power options:	
- voltage, V.....	230±10%
- frequency, Hz.....	50±1
Power consumption, W, no more.....	2500
Weight (dry), kg, no more.....	135

* Dimensions do not include supports

TECHNICAL CHARACTERISTICS

Processing time, min.....	25
Working gauge steam pressure** MPa, no more.....	0,14
Time of uninterrupted work.....	without restriction

** The maximum absolute steam pressure that occurs during the normal course of the working process=0,24 MPa

LAMSYSTEMS

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*The manufacturer reserves the right to change the technical characteristics and design
in the process of further improvement of the product.*

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