





Mixing Unit Lite

Mixing Unit Lite is used to automate hydroponic systems



Complete Set

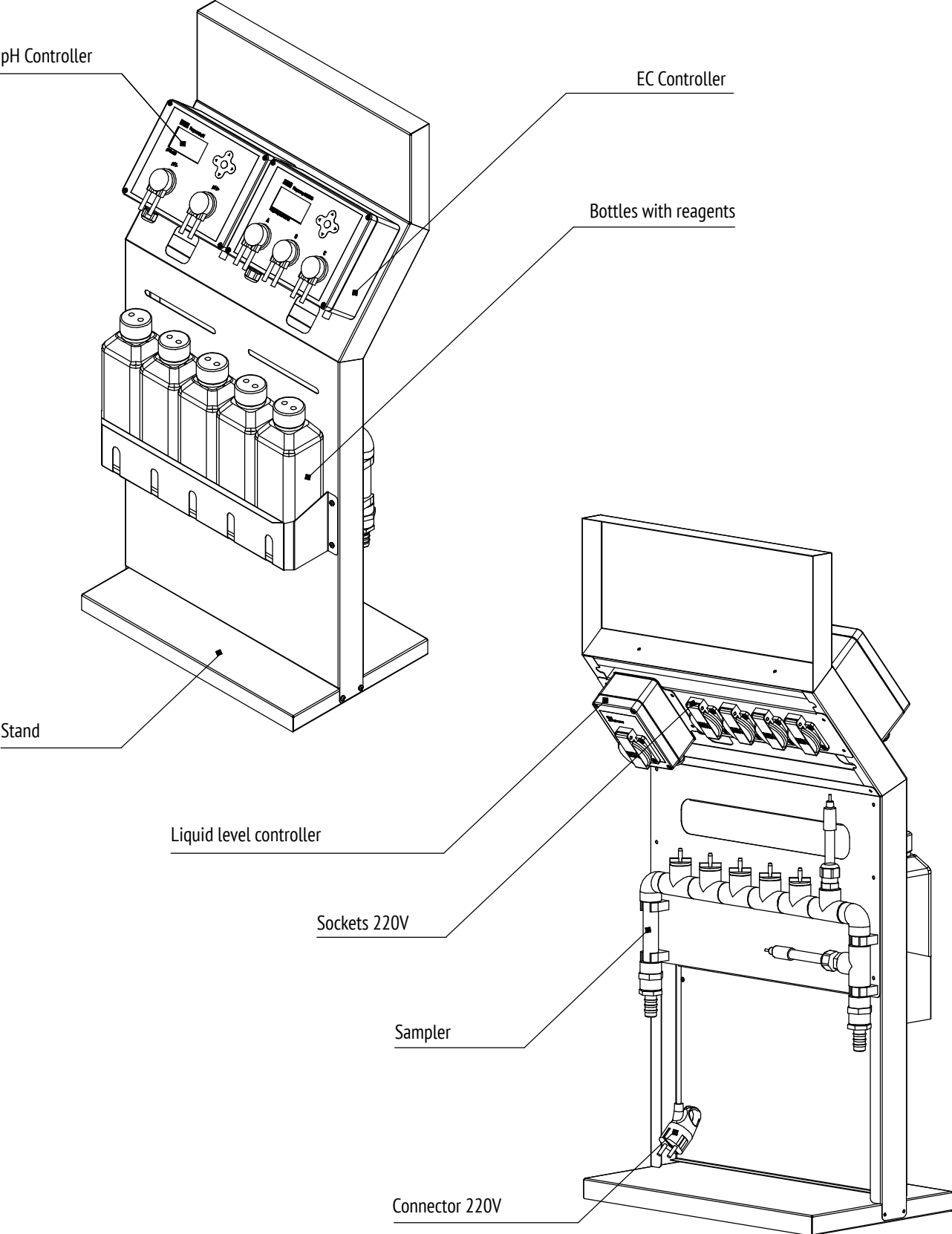
- Terminal - 1 pcs.
- pH Lite controller - 1 pcs.
- EC Lite controller - 1 pcs.
- SensiRoom 1x-lvl - 1 pcs.
- Sampler- 1 pcs.
- Bottle for Fertilizer - 3 pcs.
- Bottle for pH up/down- 2 pcs.
- Pump Hailea HX-6510 - 1 pcs.
- Flexible hose 120 cm - 2 pcs.
- Supply tube - 10 pcs.

-  Microprocessor control
-  Automatic pH level control
-  EC level regulation
-  Hydroponics automation

Content

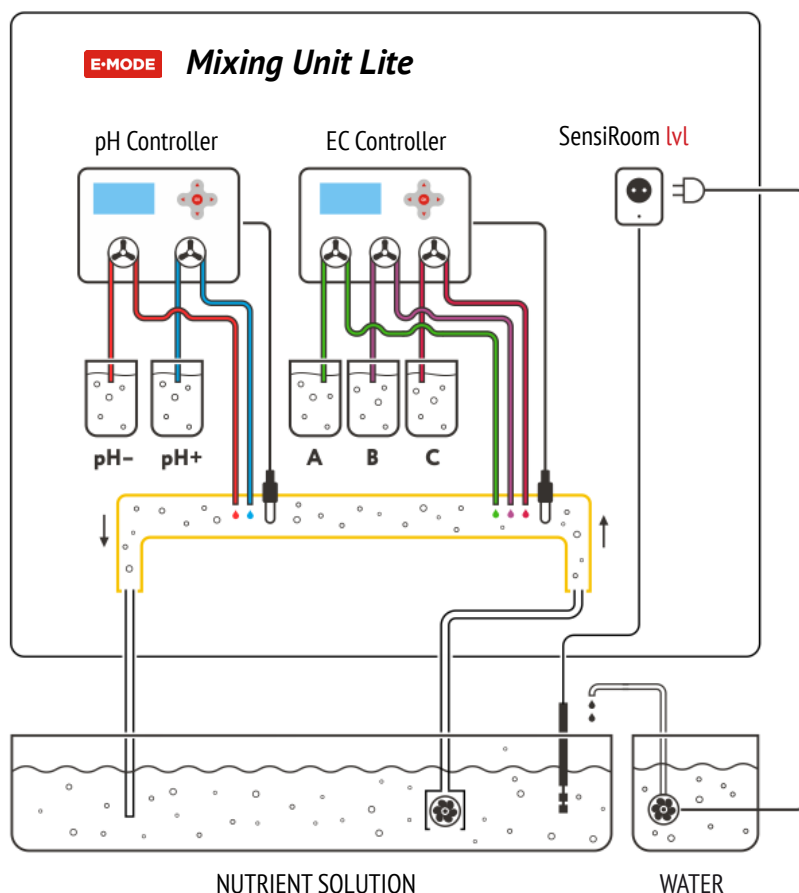
Mixing Unit Lite	3
Technical feature.....	4
Connection.....	4
pH and EC controllers installation.....	5
SensiRoom 1x-lvl installation.....	5
Electrode (sampler PRO) installation.....	6
Sampler installation	6
Dimensions.....	7
Warranty	7
Operation conditions	7

Mixing Unit Lite



Technical feature

Tank volume - 10 - 2000 L
 Dosing Pause - 0,5 - 720 h
 pH level - 3.0 - 14.0
 EC level - 0.1 - 5.0 mS
 Programs by Default : Seedling, Vegetation, Flowering
 Language: Russian, English
 Voltage: 220-240 V
 Current Frequency: 50hz
 Maximum power: 2000 W
 Power Consumption: 22,5 W
 Dimensions: 430 x 300 x 830 mm
 Protection: IP64
 Weight: 12 kg



Connection

Read User manual before use.

Fix electrodes as shown p. 4.

Place the device no more than 1m far from hydroponic system (this distance can be increased by longer hoses).

Connect the pump and the sampler with the first hose.

Place the pump into the tank – this is «Entry».

Connect the second hose and the sampler, put the other end of the hose into the tank – this is «Exit» providing circulation of the nutrient solution.

This end of the second hose is to be placed as far from the pump as possible, it will guarantee better mixing of the solution and more accurate readings.

Then plug in the device (220 V).

In setting mode setup pH level, EC level and other parameters to be maintained according to the recommendations for each device.

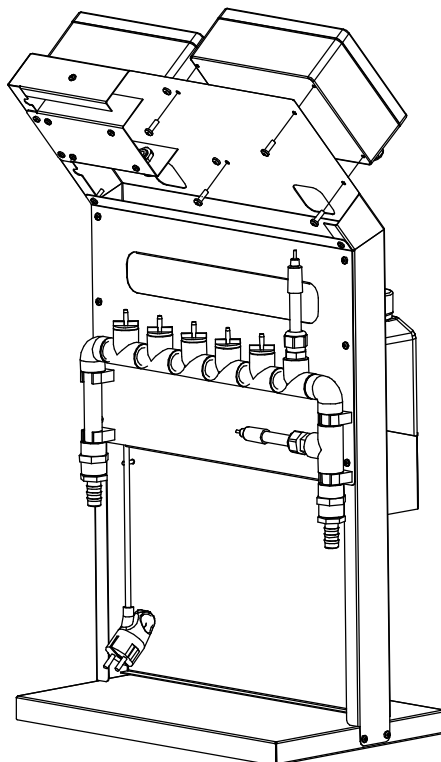
NOTE!

Store electrodes in a special solution to avoid their drying. To clean electrodes from sediments use electrode cleaner. Not to damage the electrode use a sampler. Do not place electrode's cable into a solution.

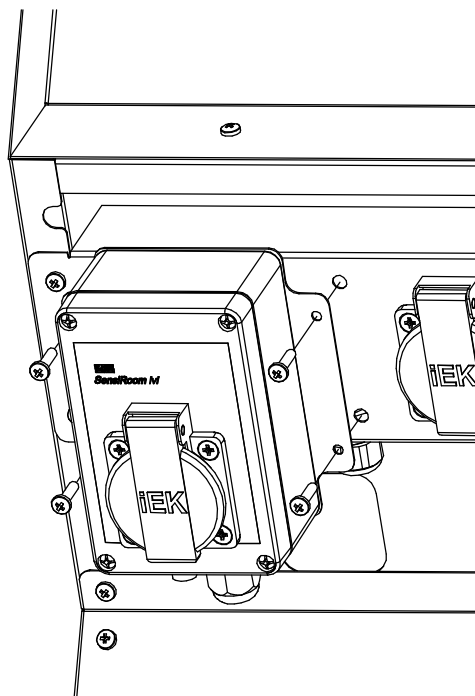
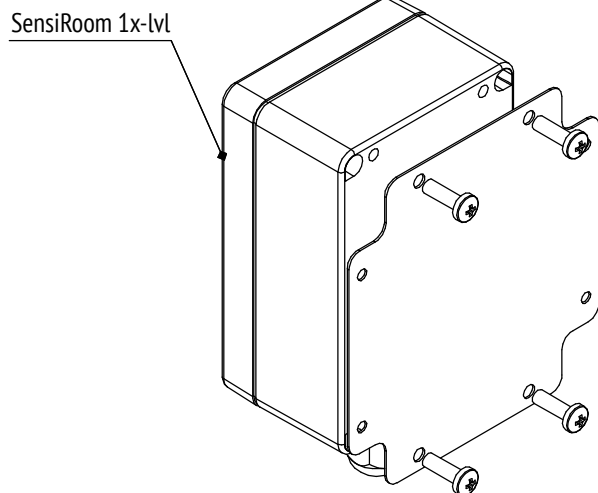
WARNING!

It is important to check peristaltic pump operation with the first start in the manual mode. To turn to automatic mode it is necessary to fill in fertilizers tubes in a manual mode.

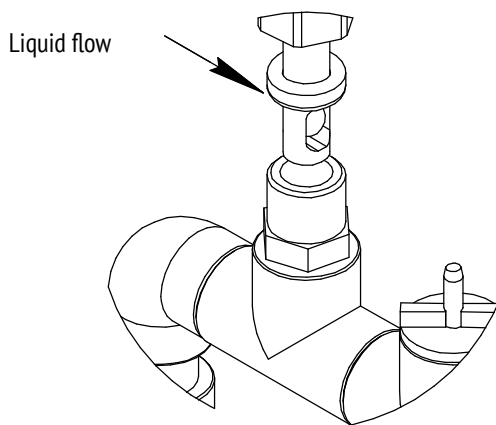
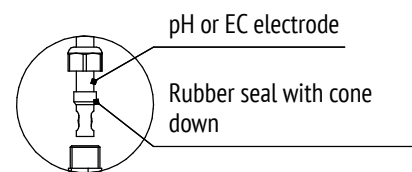
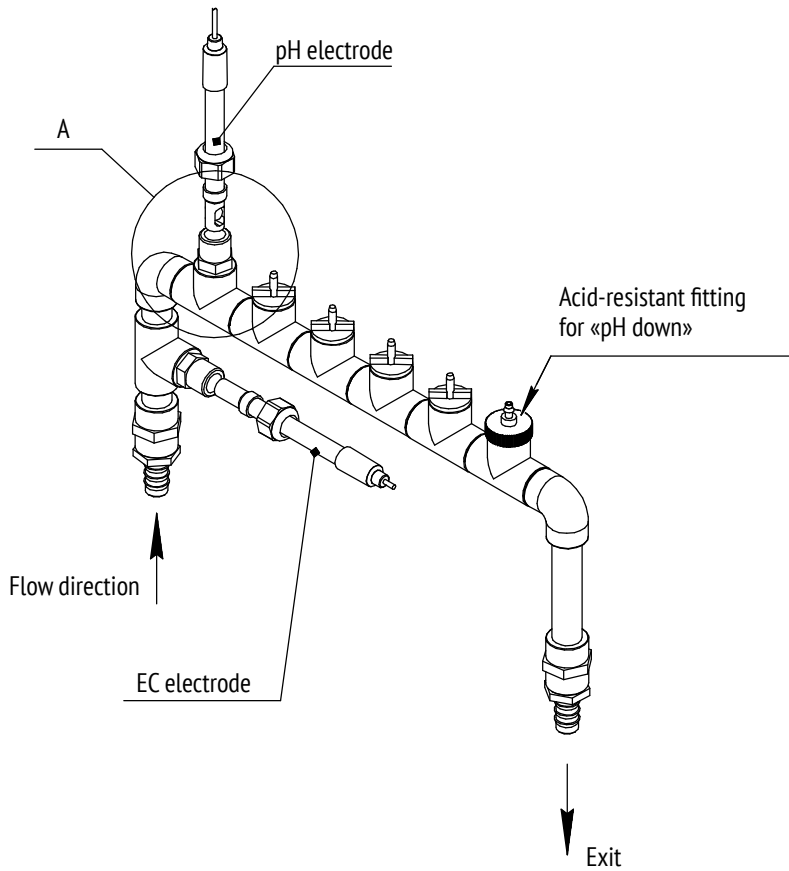
pH and EC controllers installation



SensiRoom 1x-lvl installation

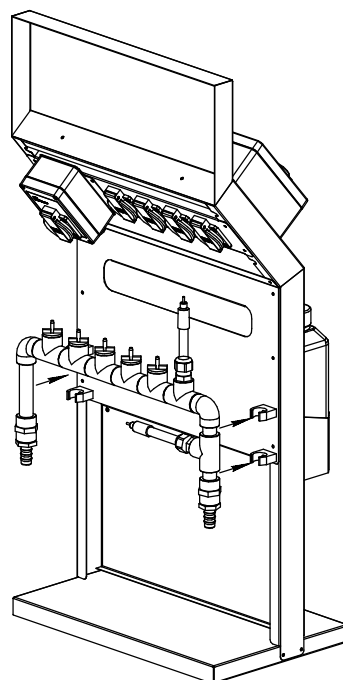


Electrode (sampler PRO) installation

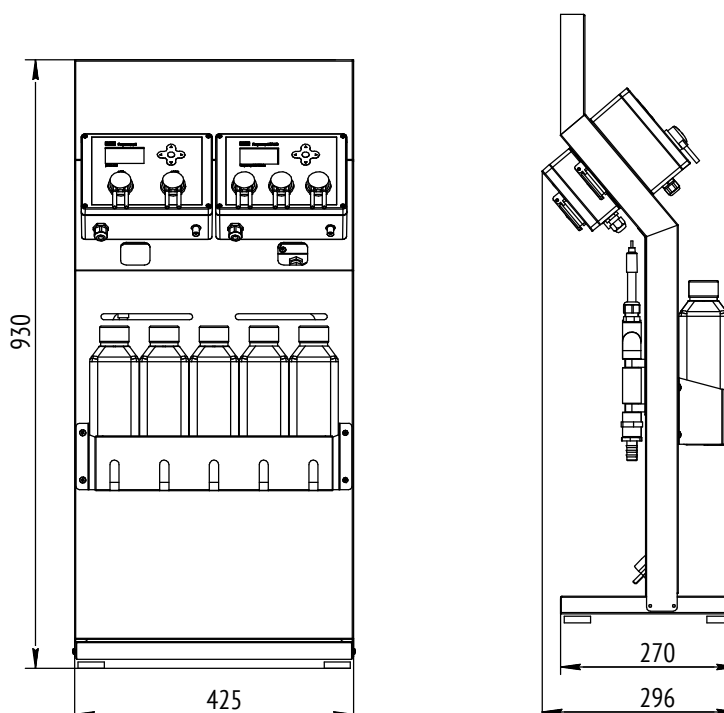


Place electrode correctly!
There should be free flow for liquid.

Sampler installation



Dimensions



Warranty

Warranty period: 1 year since the day of purchasing. Free service and warranty repair is carried out by the specialists of E-mode laboratory.

The address of the authorized service center: Russia, 614099 Perm, Dzerzhinskii Str. 59, office 405.

The warranty is valid in case the operation conditions are complied with and there is a seller's stamp with the date of purchasing.

Operation conditions

- ⚠ Working with fertilizers and pH regulators use personal protection equipment.
- ⚠ Operation temperature (of the environment): 0°C - 45°C
Operation humidity level: 0% - 90%.
- ⚠ The device is not waterproof, protect it from moisture.
- ⚠ Use voltage regulator to avoid power surges in the mains.
- ⚠ Voltage (admissible range): 220 – 2240 V.
AC frequency (admissible range): 50 hz / 47...63 hz.
- ⚠ Keep the device and its spare parts out of reach of children.

Sale date/stamp _____

Serial number _____