

Este manual es parte inseparable del aparato por lo que debe estar disponible a todos los usuarios del equipo. Le recomendamos leer atentamente el presente manual y seguir rigurosamente los procedimientos de uso para obtener las máximas prestaciones y una mayor duración del mismo.

*This manual should be available for all users of these equipments. To get the best results and a higher duration of this equipment it is advisable to read carefully this manual and follow the processes of use.*

Ce manuel fait partie de l'appareil, c'est pourquoi il doit être disponible à tous les utilisateurs. Nous vous recommandons de lire attentivement ce manuel et suivre tous les procédures d'emploi, afin d'obtenir les meilleures prestations et une plus grande durée de l'appareil.

## **Modelo / Model / Modèle Stainless Steel Water Still 5 l/h Nahita**

Thank you for choosing this equipment. We sincerely wish that you enjoy your Nahita stainless steel water still 5 l/h. We highly recommend looking after this equipment according to what is stated in this manual.

Nahita develops its products according to the CE marking regulations as well as emphasizing the ergonomics and security for its user.

The correct using of the equipment and its good quality will permit you to enjoy this equipment for years.

The improper use of the equipment can cause accidents and electric discharges, circuit breakers, fires, damages, etc. Please read the point of *Maintenance*, where we expose the security notes.

TO GET THE BEST RESULTS AND A HIGHER DURATION OF THE EQUIPMENT  
IT IS ADVISABLE TO READ THOROUGHLY THIS MANUAL BEFORE  
OPERATING WITH THE EQUIPMENT.

Please bear in mind the following:

- This manual is inseparable from the Nahita stainless steel water still 5 L/H, so it should be available for all the users of this equipment.
- Follow all required **applicable laws about safety and health** (electrical security devices, inflammable, toxic and/or pathological products, etc.).
- You should carefully handle the water still avoiding sudden movements, knocks, free fall of heavy / sharp objects on it. Avoid spilling liquids inside the equipment.
- Never dismantle the different pieces of the water still to repair it yourself, since it could produce a defective use of the whole equipment and a loss of the product warranty, as well as injuries on people that handle the water still.
- To prevent fire or electric discharges avoid dry or dusty environments. In case it may happen unplug the equipment immediately.
- If you have any doubt about setting up, installation or functioning do not hesitate in contacting your wholesaler. You can also tell us any doubts or suggestions you have

by contacting Nahita Technical Assistance Department by email to asistencia@auxilab.es.

- This equipment is protected under the Warranties and consumer goods regulation (10/2003).
- Overhaul is not covered by the water still warranty.
- Operations made by non-qualified staff will automatically produce a loss of the water still warranty.
- Neither fuses (1A) nor accessories (including their loss), are covered by the product's warranty. The warranty neither covers piece's deterioration due to the course of time.
- Please make sure you keep the invoice, either for having the right to claim or asking for warranty coverage. In case you have to send the equipment to Nahita Technical Assistance Department you should enclose the original invoice or a copy as guarantee.
- Manufacturer reserves the right to modify or improve the manual or equipment.

**ATTENTION!! IF EQUIPMENTS ARE NOT PROPERLY CLEAN AND DISINFECTED THEY WOULD NOT BE ALLOWED TO REPAIR BY OUR TECHNICAL SERVICE.**

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## **ANNEX I: CE CERTIFICATE**

### **1. USES OF THE INSTRUMENT**

Nahita stainless steel water still provides you with water of high purity, able for common processes in laboratories requiring the use of water as a solvent. Thanks to distillation, we obtain water of the best quality.

We will obtain water suitable for reagent preparation in qualitative and semiquantitative tests, bacteriological culture media and the latest wash of glassware.

### **2. DESCRIPTION**

- 1.1 Water inlet to the refrigerant / Ø: 11,8 mm
- 1.2 Water outlet to the refrigerant
- 1.3 Distilled water outlet / Ø: 20 mm
- 1.4 Overflow water outlet / Ø: 12 mm
- 1.5 Draining tank / Ø: 12,5 mm
- 1.6 Water level control external tank
- 1.7 On/Off light
- 1.8 Tank's airtight seals
- 1.9 Safety plug IP44

Figure 1

### 3. TECHNICAL SPECIFICATIONS

<b>Code</b>	<b>59021105</b>
Output:	5 litres per hour
Resistor:	1 unit (10 Ohm)
Power:	3 kw/h
Dimensions (width x height):	35 x 76 cm
Weight:	8 Kg
Power supply:	220V/50Hz

### 4. INSTALLATION / SETTING UP

#### Preliminary inspection

- Unwrap the balance, take off the involving plastic and take off the poliespan protection in which it comes fitted.
- Please make sure that it does not present any damage because of the shipment. If it does please communicate to your transport agent or suministrator immediately, so that they can make the claims in the correct time limit.

***We will only accept any equipment return within 15 days after delivery and provided it comes in its original package and with all accessories and documents supplied***

- Please check that all the accessories are enclosed with the equipment:
  - User guide

#### Installation

Before using this instrument, it is convenient for you to familiarize with its components and basic essentials.

**PLEASE READ THOROUGHLY THE INSTRUCTIONS BEFORE CONNECTING AND OPERATING WITH THIS EQUIPMENT**

- Please put the water still on top of a horizontal, plane and stable table making a free space at least at 30 cm per side. Do not put the water still near any warm supply (burners, blowlamps...), nor expose it directly to the sun, etc.
- Follow all required **applicable laws about safety and health** (electrical security devices, inflammable, toxic and/or pathological products, etc.).
- Avoid inflammable or toxic substances in the working area.
- Please insert the wire that feeds the AC electric current in the base of current 220V 50Hz  $\pm 10\%$  provided with earth wire and to the other end to the water still connector.

*Neither the manufacturer nor the distributor will assume any responsibility for the damages produced to the equipment during its installation or damages to persons suffered by the improper use of the electric connection. The tension should be 220V 50Hz  $\pm 10\%$ ...*

- If you are not using the equipment for a long period of time please make sure it is disconnected from the net and protected from dust (this way you will avoid accidents and will extend its working-life).

#### Setting up



CAUTION / WARNING

Maintain constant vigilance to the equipment during its functioning and avoid the tank run out of water since resistance may be damage.



BURN RISK

Temperature reached by the equipment is very high (boiling temperature close to 100 °C) as well as metal parts, distilled water outlet can cause burns in case of contact.

1. Once located the equipment in its place, proceed to assemble the tubes (**not provided with the equipment**) in the different connections as follows:
  - 1.1 Tube connection water tap with the refrigeration water inlet (1.1).
  - 1.2 Tube connection tank exit (1.5) to the drain.
  - 1.3 Tube connection water level control tank exit (1.4) with drain.
  - 1.4 Tube connection distilled water outlet (1.3) with collection tank.

It is recommended to use clamps to secure the assembly connections.

2. Check the tank is correctly closed with the seals (1.8).

3. Fill the tank until the water level in the external deposit reaches the maximum and starts dropping from the exit (1.4) it establish a circuit of water to ensure that central tank never stays without water.
4. Connect the wire (1.9) with the net. Power light is activated (1.7), the resistor gets to work and begins the warming of the water in tank.
5. Once finished the obtaining of distilled water, unplugged the equipment from the net and leave it cold long enough, meanwhile drain the water tank if it is necessary.

**Note: It is recommended to reject distilled water produced in the first use of equipment.**

### Security

- The Water Still must be used by previously qualified staff that knows how the equipment works thanks to the user manual.
- You should put the Water Still in a horizontal plane stable table, having a safety area of at least 30 cm per side.
- Follow all required **applicable laws about safety and health** (electrical security devices, inflammable, toxic and/or pathological products, etc.).
- Do not place the Water Still near any warm supply (burners, blowlamps, etc), nor expose it directly to the sun. Avoid vibrations, dust and dry environments.
- During its functioning dangerous materials such as flammable or pathological substances must be out of the safety area.
- When you are not using the Water Still for a long period of time please make sure it is unplugged in order to avoid possible accidents.
- **It is essential to have the equipment switched off and unplugged from the net** before cleaning, checking components or replacing any piece (e.g. replacement of a fuse).
- Never try to repair the Water Still by yourself, since you will lose the warranty and may provoke damages to the general operating system or the electrical installation, as well as injuries to the people that usually handle the equipment (burns, hurts...).
- Made under the European regulations for electrical security, electromagnetic compatibility and security on machines.

## **5. MAINTENANCE AND CLEANING**

***To get the best results and a higher duration of this equipment it is essential to follow the processes of use.***

**Note:** All the processes of use mentioned below will not have any value unless you keep a continued and careful maintenance.

- Please follow the processes of use of this manual.
- This manual should be available for all users of this equipment.

- Always use original components and supplies. Other devices can be similar but they can damage the equipment.
- Check rubbers and connections verifying are not damaged and no water leaks, if necessary change rubbers and clamps.
- **Remember switched on and plugged from the net only with the water tank already full.**
- Never try to repair the water still by yourself, since you will lose the warranty and may provoke damages to the general operating system or the electrical installation, as well as injuries to the people that usually handle the water still (burns, hurts...) or damages in nearby equipments.
- In the event of breakdown please contact your distributor to overhaul through Nahita Technical Assistance Department.

### Cleaning

- Never use scourers or substances that can grate for cleaning metallic parts such as stainless steel, aluminium, coatings, etc. as they damage the water still and produce an early ageing of the equipment.
- Use a fluff-free cloth dampened with soaped water that does not contain abrasives.
- Use a lime-cleaner product available on the market for the lime deposit inside the tank, remove it with a clean cloth.

<p><b>ATTENTION!! IF EQUIPMENTS ARE NOT PROPERLY CLEAN AND DISINFECTED THEY WOULD NOT BE ALLOWED TO REPAIR BY OUR TECHNICAL SERVICE.</b></p>
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### Instructions on environment protection

- At the end of its life cycle, please, does not dispose of this equipment by throwing it in the usual garbage; hand it over a collection point for the recycling of electrical and electronic appliances. It does not contain dangerous or toxic products for humans but a non adequate disposal would damage the environment.
- The materials are recyclable as mentioned in its marking. By recycling material or by other forms of re-utilization of old appliances, you are making an important contribution to protect our environment.
- Please inquire at the community administration for the authorized disposal location.