User Manual
English

EN

NOIDS Herb Lab

1 Instructions

4 Description

7 Use

10 Cleaning & Care

11 Troubleshooting

NOIDS is a Registered Trade Mark of NOIDS B.V.
Putsteeg 99, 5481XT, SCHIJNDEL,
The Netherlands
support@noids.co
© NOIDS B.V.

V5.1 EN



From the Netherlands with love.

1. Instructions

1.1 Introduction

Chapters and symbols:

1	General Information, safety and disposal.
2	The appliance and its accessories
3	How to use it
4	Cleaning & care
5	Troubleshooting

Safety instructions

Information

User hints & tips

1.2 This user manual

This user manual is an integral part of the appliance and must therefore be kept in its entirety and within the user's reach for the whole working life of the appliance.

1.3 Intended use

- Use the appliance only indoors.
- This appliance has been designed exclusively for domestic use. Do NOT use the appliance for commercial or any other purposes.
- This appliance has been designed and tested exclusively for dried herbs and botanicals.

Danger of poisoning
- Consumption of unknown or unidentified plants may lead to poisoning, organ damage, and even death.
- If you are not sure a plant is safe, always consult a qualified doctor about the potential risk before using it.

- Carefully follow the notes and suggestions provided in this user manual.
- Only use the appliance for (1) decarboxylation of plant material, (2) oil infusion using plant material, and (3) evaporation of liquid. Do NOT use the appliance for anything other than the intended use.
- If food or other substances were to come into contact with the heating elements, they may cause unpleasant odour and may damage the appliance.
- This appliance is not designed to operate with external timers.
- This appliance shall not be used by children under 12 years. Keep the appliance and its cord out of reach of children under 12.
- Persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge may use this appliance only under supervision or after instruction on its safe use, and only if they understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children.

All NOIDS products follow strict quality control procedures, including testing based on random sampling. Such testing may leave some traces of use on a tested product.

1.4 General safety instructions

- Read this user manual carefully before using the appliance.
- Do NOT immerse the Main Body of the appliance, the power cord or the Base in water or any other liquid.
- Do NOT use the appliance when the power cord or the plug is damaged or when the appliance has fallen or is damaged in any manner.
- Do NOT place the appliance on or near a burning gas or an electrical stove or in a heated oven.
- The cord is short to prevent accidents. Do NOT use an extension cord.
- Do NOT let the power cord hang over the edge of a table or a worktop etc. where the appliance can be pulled down or fall.
- Switch off the appliance immediately after use.
- Do NOT modify this appliance.
- Do NOT operate the appliance with wet hands.
- Always place the appliance on a flat, stable, heat-resistant worktop.
- If the power cord or the adaptor is damaged, stop using the appliance. It must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.
- Do NOT try to repair the appliance yourself or without the intervention of a qualified engineer. In case of a fault, repairs should only be carried out by a qualified engineer.
- Check the rated voltage on the identification plate and make sure the appliance is suitable for your electricity supply.
- When disconnecting the power cord from a socket, always pull the plug, not the cord.

1.5 For NOIDS Herb Lab

- Do NOT touch the Glass without the Sleeve while the ventilation fan inside the cooker is running: the Glass and its content can be very hot. Let the Glass cool down to a safe temperature first.
- Do NOT touch the inner heating surface of the Main Body while the fan inside the cooker is running: the inner heating surface can be very hot.

CAUTION: Hot Surface
The inner heating surface and the Glass content can be very hot during and immediately after operation.

The ventilation fan starts working a couple of minutes after you start cooking.

- Do NOT move the cooker when it is operating.
- Do NOT apply the Filter Set to the Glass while the Glass is inside the Main Body. Oil or liquid may be ejected via the Spout and come into contact with the Main Body.
- Do NOT use the Filter Set on the Glass before the Glass cools down to safe temperature. Hot oil or air may be ejected via the Spout.
- Do NOT place the Glass or the cooker directly on a hot surface or over open flame.
- Do NOT use the Glass in an oven or microwave oven.
- Do NOT heat the Glass on an induction cooker.
- Do NOT hit the Glass with hard objects or drop it. If the Glass is cracked, stop using it immediately and contact an authorized distributor or the NOIDS support team for a replacement.

- Keep the cooker and the power cord away from heat, moisture, slippery surfaces and sharp edges.
- Do NOT replace the Glass with any unauthorized container. The matching NOIDS Glass has a highly sensitive built-in thermal sensor. An unauthorized container will not be recognized by the cooker.
- Electrical appliances can cause fire: do NOT use the cooker near or below combustible materials.
- ALWAYS remove the plug from the socket when the cooker is not in use or before cleaning.
- ALWAYS remove the plug from the socket when the cooker is not working properly.
- Make sure that the air around the cooker can circulate freely. Do NOT place anything on top of it.
- Make sure that the silicone Sleeve is properly put on the Glass during operation.

1.6 Manufacturer liability

The manufacturer declines all liability for damage to persons or property caused by:

- Use of the appliance other than the one envisaged;
- Not having read this user manual;
- Tampering with any part of the appliance;
- Use of non-original spare parts;
- Not following the safety instructions.

1.7 Identification plate

The identification plate bears the technical data, serial number and brand name of the appliance. Do not remove the identification plate for any reason.

Manufacturer: NOIDS B.V., Putsteeg 99, 5481XT Schijndel, The Netherlands, support@noids.co

1.8 Disposal



The crossed-out wheeled bin symbol on the appliance means that it must not be disposed of with household waste. This appliance must be disposed of separately from other waste (Directives 2012/19/EU, 2011/65/EU). The appliance does not contain substances in quantities sufficient to be considered hazardous to health and the environment, in accordance with current European Directives.



Power voltage. Danger of electrocution
- Disconnect the main power supply.
- Disconnect the power cable from the electrical system.

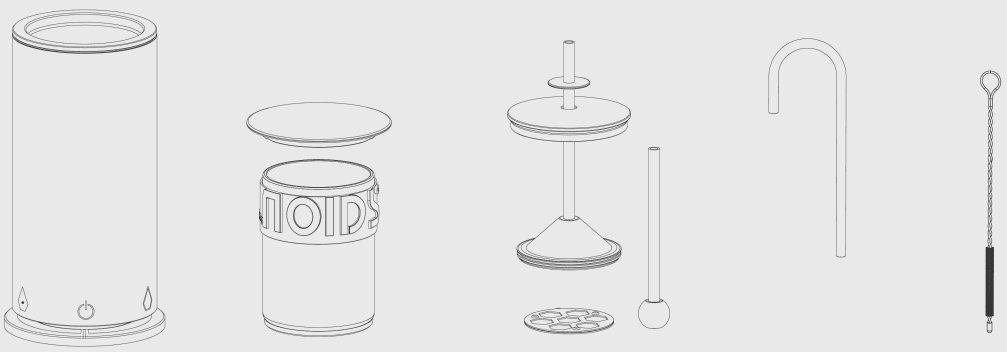
- Old appliances do not belong in household waste! To comply with current legislation, old appliances, having reached the end of their useful lives, should be taken to a disposal facility where they can be sorted. In this way, any valuable material contained in the old appliances can be recycled and the environment protected. Responsible local authorities or their waste disposal operators can provide further information. The appliance is packed in non-polluting and recyclable materials.

- Dispose of the packing materials at an appropriate disposal facility.

- NOIDS products have achieved zero plastic in packaging by careful and responsible design. Third-party carriers may still use plastic for delivery. Dispose of that plastic responsibly according to local regulations.

2. Description

2.1 Product overview



1 2 3 4 5

1. Main Body integrates the heating element and the Rotary Control

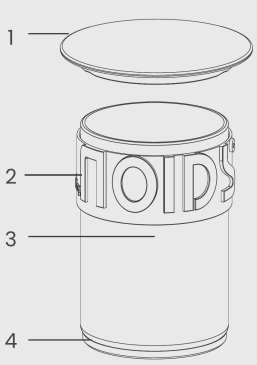
2. Glass Set a Glass with scale marks and a built-in sensor, a Sleeve for heat insulation, and a Dish Lid

3. Filter Set a Filter Disc, a Filter Funnel with a Spout, a Support Lid, a Pipette and a Lock Ball for collecting every last drop of oil

4. Condenser for recollecting ethanol

5. Brush made of wool, for cleaning narrow parts in the Filter Set

2.2 Glass Set



1. Dish Lid covers the Glass during operation and serves as an evaporation dish when needed

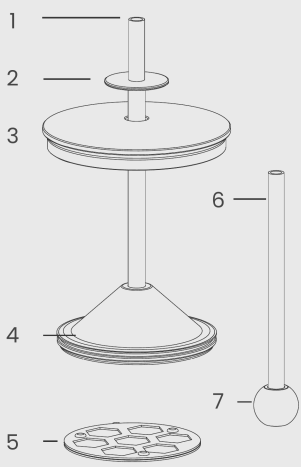
2. Sleeve seals heat during operation and reduces the risk of burning

3. Glass container with a highly sensitive built-in sensor that monitors the temperature during operation

4. Sensor Pad secures the built-in thermal sensor to the Glass

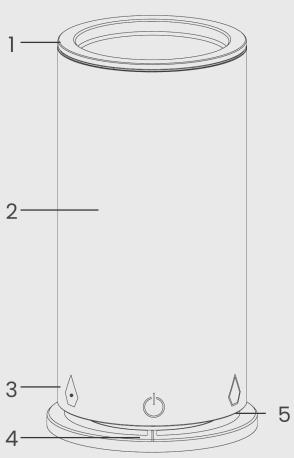
2.3 Filter Set

1. Spout	liquid outlet
2. Finger Grip	for pressing down and lifting up the Filter Disc
3. Support Lid	stabilizes the Filter Set
4. Filter Funnel	gathers the oil towards the Spout
5. Filter Disc	separates plant material and liquid
6. Pipette	collects the last drops of oil
7. Lock Ball	secures the Pipette or the Mesh to the Spout



2.4 Main Body

1. Protection Ring	insulates heat
2. Rotary Control	for function selection
3. Function Mark	specific function
4. Base Mark	to align functions
5. LED Light	indicates a function is activated



2.5 Functions

The Rotary Control selects one of the 5 working functions or the OFF function. Once connected to power, the Point LED lights up above the Base Mark to show the cooker is connected to power and in standby mode. Turning the Rotary Control body activates a function cycle.

A function cycle has 2 parts: heating and cooling. The pulsating Ring LED shows heating; the sound of the fan inside the Main Body shows cooling. When the heating surface has cooled to a safe temperature (50 °C / 122 °F), the fan stops and the function cycle is complete.

OFF function
Cancel or stop any function cycle at any time

Careful Oil
Careful Oil function: infuse plant material into liquid oil, using herbs prepared with the Careful Decarb function
≈100 to 180 min / 100 °C / 212 °F

Careful Decarb
Careful Decarb function: decarboxylate delicate plant material that requires a lower temperature and a longer time
≈100 to 150 min / 110 °C / 230 °F

Decarb
General Decarb function: decarboxylate herbs
≈100 to 180 min / 115 °C / 239 °F

Oil
General Oil function: infuse plant material into liquid oil, using herbs prepared with the general Decarb function
≈120 to 180 min / 100 °C / 212 °F

Evaporation
Evaporation function: reduce the volume of an infused liquid with a boiling point no higher than 100 °C / 212 °F
Max. 102 °C / 215.6 °F
Evaporation speed: 50 ml/hour

No light on:	Disconnected from power
Point LED on:	Standby
Ring LED on and pulsates:	Heating

2.6 Technical parameters and compliance

Product Name:	NOIDS Herb Lab
Model No.:	EXT2020
Rated power:	74 W
Volume:	350 ml
Rated voltage:	100-240 V ~ 50/60 Hz
Compliance:	

Part	Material	Standard compliance
Glass	Borosilicate glass	Regulation (EC) No 1935/2004; LFGB
Pipette	Borosilicate glass	Regulation (EC) No 1935/2004; LFGB
Dish Lid	Silicone	Regulation (EC) No 1935/2004; LFGB AfPS GS 2019:01 PAK
Sleeve	Silicone	Regulation (EC) No 1935/2004; LFGB AfPS GS 2019:01 PAK
Sensor Pad	Silicone	Regulation (EC) No 1935/2004; LFGB AfPS GS 2019:01 PAK
Lock Ball	Silicone	Regulation (EC) No 1935/2004; LFGB AfPS GS 2019:01 PAK
Filter Funnel	SUS304 stainless steel Silicone	Regulation (EC) No 1935/2004; LFGB AfPS GS 2019:01 PAK
Filter Disc	SUS316 stainless steel	Regulation (EC) No 1935/2004; LFGB

3. Use

ELECTRICAL SHOCK HAZARD
- Do not use an extension cord.
- Failure to follow these instructions can result in electrical shock, fire, or death.

3.1 Before first use

1. Remove all stickers and labels and clean the outside and the inner surface of the cooker with a damp cloth.
2. Run the cooker once on the Decarb function with an empty Glass. This burns off any dust that has fallen into the cooker during production or transport.

During first use some odour may develop.

User hints & tips
- This cooker is designed with set temperatures and times for the decarboxylation and infusion of herbs and botanicals. Infusing dried and ground common kitchen spices with oil may also yield satisfactory outcomes.

3.2 Operation: General

1. If necessary, shorten the cord by wrapping it.
2. Make sure the inner surface of the Main Body and the bottom of the Glass are dry.
3. Place the Main Body on the Base with the Base Mark facing the operator.
4. Plug in the cooker. Wait until the cooker beeps and the Point LED is on. The cooker is now in the initial standby mode, ready to use.

It doesn't matter which function the Base Mark is aligned to when the cooker is connected to power. You can only activate a chosen function cycle by further action of turning the Rotary Control body.

3.3 Operation: Careful Decarb and Decarb

User hints & tips
- Plant material that is prepared and stored differently has a different moisture content and needs a different time to reach the optimal temperature.
- Water vapour may condense on and around the Filter Disc during decarboxylation if the plant material is fresh or has a high moisture content. In that case you can still go on to the Oil functions without drying the plant material or the Glass. The water evaporates during the Oil function cycles.

For best results:
- Break big plant material into smaller parts before decarboxylation.

1. Put plant material into the Glass, make sure it doesn't exceed the MAX mark on the Glass.
2. Make sure the Sleeve is positioned in the right place, then cover the Glass with the Dish Lid.

The Glass must be covered properly with the Dish Lid in order to achieve the optimal temperature. If the hot air escapes too fast, the sensor will never detect the optimal temperature.

3. Place the covered Glass securely in the Main Body and make sure the bottom of the Glass touches the probes.
4. Turn the Rotary Control body, align the chosen Decarb function to the Base Mark.
5. After 3 seconds you will hear a beep and see the Ring LED pulse. The chosen Decarb function cycle is now active.
6. Once heating is complete, the pulsating Ring LED switches off and the cooker enters the cooling phase. The fan keeps running during cooling. You can now remove the Glass from the Main Body and let it cool down at room temperature, or wait until the cooker completes the cooling phase.
7. The cooker goes back to the initial standby mode and beeps once the heating-cooling cycle is complete.

> ⓘ **NOIDS Herb Lab** has carefully designed temperature control with high precision, which ensures that prolonged decarboxylation does no harm to the plant material. So if any adjustment is needed during heating, simply turn the cooker to OFF mode, let the Glass cool down to safe temperature and make the adjustment, then put the Glass back to the Main Body and activate the desired Decarb function again.

3.4 Operation: Careful Oil and Oil

1. Add liquid oil or cooking butter to the decarboxylated herbs in the Glass. Make sure the total volume of oil and herbs doesn't exceed the MAX mark on the Glass.
2. Cover the Glass properly with the Dish Lid. Make sure the Glass bottom is dry and the Sleeve is positioned at the right place.
3. Place the covered Glass securely in the Main Body, make sure the bottom of the Glass touches the probes.
4. Turn the Rotary Control body, align the chosen Oil function to the Base Mark.
5. After 3 seconds you will hear a beep and see the Ring LED pulse. The Oil function cycle is now active.
6. Once heating is complete, the pulsating Ring LED switches off and the cooker enters the cooling phase. The fan keeps running during cooling. You can now remove the Glass from the Main Body and let it cool down at room temperature, or wait until the cooker completes the cooling phase.
7. The cooker goes back to the initial standby mode and beeps once the heating-cooling cycle is complete.

> ⓘ **NOIDS Herb Lab** has carefully designed temperature control with high precision, which ensures that prolonged Oil infusion does no harm to the plant material. So if any adjustment is needed during heating, simply turn the cooker to OFF mode, let the Glass cool down to safe temperature and make the adjustment, then put the Glass back to the Main Body and activate the desired Oil function again.

3.5 Operation - Filter the oil

1. Prepare an oil storage container with an opening larger than the diameter of the Spout.
2. Remove the Dish Lid and apply the Filter Set on the Glass.
3. Hold the Glass while pressing the Support Lid securely to the Glass with one hand. Then, turn the Glass upside down and press the Finger Grip with the other hand to squeeze the oil out of the Glass into the container.

> ***User hints & tips***
> If the herbs in the oil are ground very fine, fit a piece of filter mesh to the Spout before step 3:
> 1. Put a piece of filter mesh on the Spout.
> 2. Secure the mesh to the Spout with the Lock Ball.

3.6 Operation - Gather the remaining oil

1. Once the oil is filtered out, remove the Filter Set and add warm water to the Glass until all the plant material is under water. Shake the Glass gently until all the remaining oil gathers above the water.
2. Place the Glass on a stable surface and let it rest until the oil forms a clear layer on top of the warm water.

3. Put the Filter Set back in.
4. Attach the Pipette to the Spout with the Lock Ball.
5. Press down the Filter Disc slowly and carefully until the oil enters the Pipette.
6. Close the upper opening of the Pipette with your thumb while removing the Pipette.
7. Release the oil in the Pipette to a container by lifting your thumb.
8. Repeat from step 4 until all the remaining oil is gathered.

User hints & tips

If water enters the Pipette by accident, use a piece of kitchen paper to carefully suck the water out from the lower opening of the Pipette.

3.7 Operation - Evaporation

TOXIC HAZARD

- Do NOT use any non-food-grade ethanol with Evaporation. It may contain highly toxic impurities.
- Use ONLY food-grade, non-denatured ethanol with the Evaporation function.

FIRE HAZARD

High-proof ethanol is highly flammable.

- Do not use the Evaporation function in a small, closed space. Make sure the room is larger than 50 m³ and that air can flow between indoors and outdoors.
- Keep the cooker at least 5 m away from open flame during Evaporation.

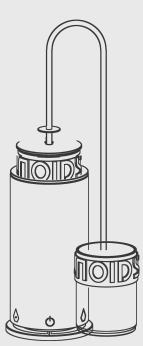
User hints & tips

For best results, use food-grade, non-denatured ethanol with at least 95% ethanol by volume (≥190 proof).

1. Pour the infused food-grade ethanol into the Glass. Make sure that the volume doesn't exceed the MAX mark on the Glass.
2. Cover the Glass with the Dish Lid. Make sure the Glass bottom is dry and the cooker is in the initial standby mode.
3. Place the covered Glass securely in the Main Body, make sure the bottom of the Glass touches the probes.

To collect the ethanol with the Condenser:

- Fit the short end of the Condenser into the Spout of the Filter Funnel.
- Close the Glass with the Filter Set instead of the Dish Lid.
- Place the Glass in the Main Body.
- Stand a second, empty Glass next to the cooker under the long end of the Condenser, where the ethanol collects as it cools.



4. Turn the Rotary Control body, align the Evaporation function to the Base Mark.
5. After 3 seconds you will hear a beep and see the Ring LED pulse. The Evaporation function is now active.
6. If adjustment is needed during this function cycle, simply turn the Rotary Control to the OFF mode, let the Glass cool down first and then make the adjustment. Once this is done, go back to step 3 and activate the function again.
7. Turn the Rotary Control body to the OFF mode once the desired amount of ethanol has evaporated.
8. Remove the Glass from the Main Body.

User hints & tips

- The evaporation mode will automatically stop once the temperature of the content reaches 102°C / 215.6°F. There is no risk of burning the herbal concentrate with evaporation function.
- The Dish Lid is coated with non-stick, food-grade silicone. If the herbal concentrate sticks to the bottom of the Glass after all the ethanol has evaporated, simply:
    1. add a little bit of ethanol back into the concentrate,
    2. stir till the concentrate has dissolved into the added ethanol,
    3. pour the diluted concentrate out into the Dish Lid,
    4. let the added ethanol evaporate at room temperature, and
    5. easily remove the concentrate from the non-stick Dish Lid.

4. Cleaning and care

4.1 Instructions

⚠ ELECTRICAL SHOCK HAZARD
Always disconnect the plug from the socket before cleaning the Main Body of the cooker.

4.2 Cleaning the surface

⚠ Hot appliance, BURNS HAZARD
Always leave the appliance and the parts to cool down before cleaning.

⚠ Improper use, RISK OF DAMAGE TO SURFACES
- Do not use steam jets for cleaning the appliance.
- Do not use cleaning products containing chlorine, ammonia or bleach on steel parts or parts with metallic finishes (e.g. anodizing, nickel- or chromium-plating).
- Do not use abrasive or corrosive detergents (e.g. powder products, stain removers and metallic sponges).
- Do not use rough or abrasive materials or sharp metal scrapers.

To keep the surfaces in good condition, they should be cleaned regularly after use.

4.3 Ordinary daily cleaning

Always use products that do not contain abrasives or chlorine-based acids. Put the product onto a damp cloth and wipe the surface, then wipe over thoroughly and dry with a soft cloth or a microfiber cloth.

4.4 Food stains or residues

Do not use metallic sponges or sharp scrapers as they will damage the surfaces. Use ordinary non-abrasive products with the aid of wooden or plastic utensils if necessary. Wipe over thoroughly and dry with a soft cloth or a microfiber cloth.

4.5 Cleaning the Glass

The Glass is machine washable.

- **Dishwasher**: Rinse first, then put the Glass in the dishwasher, as you would a regular glass.
- **Hand wash**: Rinse first with warm water to remove residue. Use non-abrasive dish cleaners.

4.6 Cleaning the Filter Set

The Filter Set is machine washable. Before washing, remove the Filter Disc from the Filter Funnel.

- **Dishwasher:** Rinse first, then put the Filter Set in the dishwasher. Make sure the Spout and the Pipette stand upright, not flat.
- **Hand wash:** Rinse first with warm water to remove residue. Then use non-abrasive dish cleaners and a non-abrasive cloth or sponge.

5. Troubleshooting

5.1 Before troubleshooting

Make sure the cooker is properly connected to power and the power is on.

5.2 What to do if ...

Beep	Light	Cause	Solution
No beep	No light	Damaged power cord	Contact NOIDS distributor for replacement. (Visit https://noids.co/pages/contact)
10 sec.	Blinks	The Glass is not put in the Main Body or the Glass is not touching the bottom sensors in the Main Body properly	Put the Glass in the Main Body, or press the Glass down to touch the probes properly, then restart the function
10 sec.	No light	The bottom of the Glass is wet	Dry the bottom of the Glass, then restart the function
No beep	Blinks	The Glass is not properly covered and the target temperature cannot be reached	Cover the Glass properly and restart the function
		Heating time for evaporation function is too long	Restart the function to continue evaporation
		Thermal sensor malfunction	Restart the function by turning the Rotary Control
		Temperature in the Glass is too high - protection against dry heating	Let the cooker cool down first, then put content in the Glass and restart the function
30 sec	Blinks	Component defect	Contact NOIDS for repair. (Visit https://noids.co/pages/contact)

Be free.