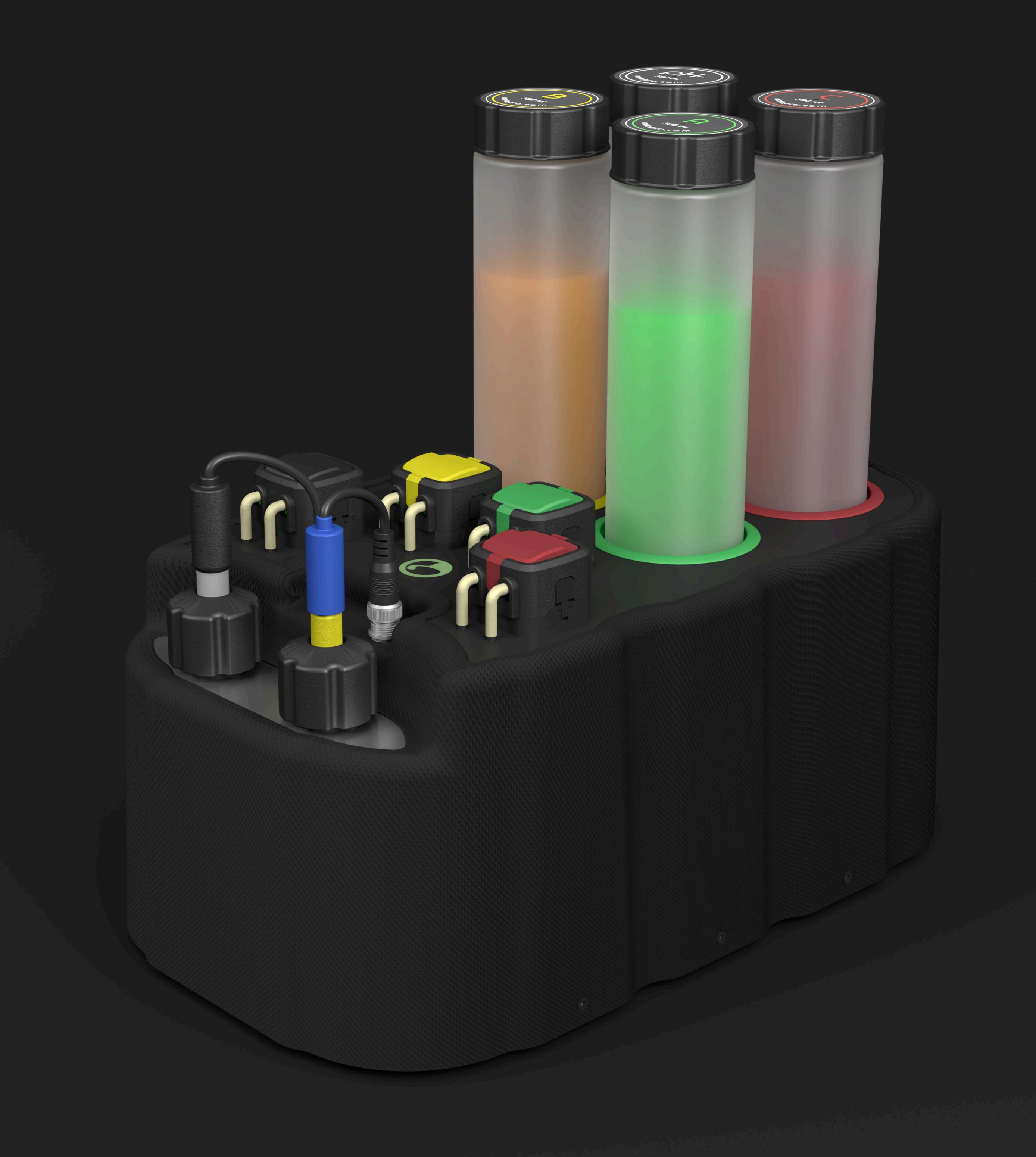


Nido is the first compact and connected device, able to automate any small and medium-sized off-ground system.

From the amateur enthusiast who wants to learn to the expert agronomist who wants to experiment and automate,

Nido is the revolution in the field of hydroponics you've been waiting for.



Technology E



NIDO is a system designed and developed entirely focusing on agri-tech. The hardware and software are native, and the best Cloud and IoT technologies are fully exploited.

Features 6



Installable in a few minutes.

2 holes in the nutrient solution tank are enough to make your greenhouse automated and connected.

Compatible with any existing hydroponic system.

There are no compatibility limits for NIDO, it is ideal for any solution above ground up to 2500 liters of total water in the system.

Control



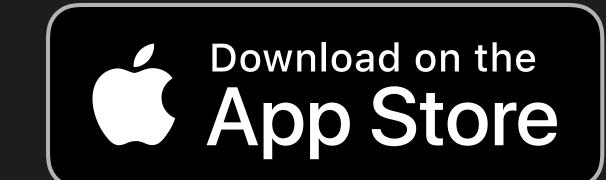
From smartphone.

NIDO is controllable via an app from your smartphone: wherever you are, you will always have real-time data.

From Web App.

NIDO becomes even more powerful thanks to the innovative Web App, which will allow you to analyze all the parameters and results of cultivation.







Technical data



value	range	tolerance
рН	4-10 pH	± 0,02
EC	0-5 mS	± 0,01
Environmental temperature	5-50 C°	± 0,2 C°
Environmental humidity	0-100%	± 2%
Water temperature	0-50 C°	± 0,2 C°

Peripherals Device 3

The NIDO Smart Plugs are electric sockets that allow controlling the 110/220 Volt greenhouse appliances (lamps, extractors, irrigation pumps up to 10 Ampere) via Wi-Fi. Up to 10 Smart Plugs can be associated with each individual NIDO system.



Compensation



peristaltic pumps min. dosing 3 fertilizer pumps 85 ml/min 85 ml/min 1 ml 1 acid pump

Consumption



product voltage Nido 110/220 V Smart Plug 110/220 V

Nutritive solution management.

Nido controls and maintains the optimal ranges of the nutrient solution of your hydroponic system, managing the pH- and up to 3 independent fertilizers.

Climate control.

Centralize climate control with NIDO, use our Smart Plugs to manage your environmental extractors, humidifiers and heaters.

Irrigation.

Schedule irrigation cycles with precision, distinguishing between day and night to optimize the conditions to which you subject the root system of your cultivation.

Day/night cycles.

Automatically maintains the natural day and night cycle, optimizing the cost of the electricity bill without changing the biorhythm of the plant.

Functions ()



Automatic cultivation with pre-configured or customizable recipes.

The preconfigured recipes also allow less experienced growers to get the most out of their cultivation from day one, just set the type of plant and NIDO will take care of the rest.

Programming and saving data.

Programming NIDO is very simple, we thought of a calendar interface in which the values of water, climate, lights, and irrigation can be configured. In a few steps, we will have set the ideal values for our greenhouse, NIDO will take care of the rest.

Manual system management.

It is possible to see the on / off status of lamps and extractors or to force shut-down or switch-on with a simple click, as well as adding a precise dosage of fertilizer or pH- to cultivation.



