

IntelliDose.

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IntelliGrow

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Automatically manage your nutrient and pH levels, set remote alarms and data log your progress with one simple controller.

The IntelliDose sets the industry standard for a small commercial auto-dosing.

Dose up to a 9-part blend (nutrients, additives, pH adjuster) while maintaining your preset EC and pH settings.

Why IntelliDose?

- You can access your control system remotely through IntelliGrow
- You can dose up to 8 nutrient parts
- You can run up to 4 irrigation stations



“We use the IntelliDose because it’s so simple and easy to use. I can have four different irrigation schedules and that’s a big selling point for me as different crops require different protocols.”

Sannyasin Yoginathaswami, Hawaii



In the box

IntelliDose	24V DC 2.5A power supply with universal plug
EC probe	3m USB cable
pH electrode	Mounting hardware
Sample pot with all fittings	Instruction manual
Calibration solutions (to get you started)	



Super easy to use

The large, interactive screen allows you to easily move between calibrating, set-points, alarms and configuration. If you can program a number into a cell phone, you can program your IntelliDose.



Run up to four irrigation stations

The IntelliDose can run up to 4 irrigation stations, allowing different areas of your grow space to be watered on different schedules. Use one reservoir or have a pump feed each station at different times. You can also set your system to only irrigate during the daytime.



Works with any nutrient line

Any nutrient line can be used with the IntelliDose - liquid or powder. Simply determine your proper dilution ratios (don't worry, we can help) and the IntelliDose will keep the reservoir at your perfect recipe 24/7.



Peristaltic pumps

Peristaltic pumps allow you to have all of your nutrient stock tanks on the ground, allowing for much larger quantities of pre-mixed solutions. This lowers the chance of leaks and spills, and will cut down on your labor. Autogrow's peristaltic pumps are heavy duty, pumping 350ml/minute and can run any size reservoir (even over 1,000 gallons!) with ease.

Additional options

- Heavy duty triple peristaltic pump
- Single peristaltic pump
- Twin relay box

Let's talk.

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sales@autogrow.com

www.autogrow.com

Features and Specs

Features:

- Controls all growing methods - NFT, DFT/DWC, soil, media, drip, and aeroponics
- Measure nutrients in EC/CF/TDS (500/640/700 scale)
- Lower or raise pH
- Able to set different EC for day and night
- Able to lower EC by adding water
- Receive or SMS alerts
- Irrigation pump outputs
- Fail-safe dosing shut offs

Specs:

- 9 outputs 24VDC (or same voltage as supplied by plug pack)
- Nutrient measurement units EC, CF or TDS (500/640/700)
- Measured range 0.00 to 9.99EC, 0.1 to 99.99CF, 0 to 7000PPM
- Nutrient resolution to .01mS/cm, 0.1CF
- Nutrient measurement accuracy +/-0.1EC, 1.0CF or 10PPM (temperature compensated)
- Nutrient dosing range 0.00 to 5.99EC, 0.1 to 59.9CF, 0 to 4200PPM
- pH resolution and accuracy - 0.1pH
- pH measurement range 2pH to 12pH
- Nutrient and pH dosing times settable from 0 minutes to 254 minutes
- Dosing interval settable from 0 minutes (continuous dosing) to 254 minutes
- Sequential dosing to prevent power surges
- Solution temperature accuracy 1°C/2°F
- Temperature range 0-50°C/32-125°F
- Operating temperature range 0-50°C/32-125°F (not in direct sunlight)
- Power source - 120V/240V into 24VDC plug pack (supplied)
- Dosing shut off
 - if nutrient is below 0.1EC, 1.0CF, 10PPM
 - if pH is below 4.5 or above 8.0
 - if dosing effect is counterintuitive (by dosing pH lower, the measured pH goes up)