

Elixir II

Three-Pump Peristaltic Dosing Module for the Aurora II
MODEL ELIXIR-II · NURAVINE FERTIGATION PLATFORM

The Elixir II is a three-pump peristaltic dosing module built for the Aurora II system. It pulls pH adjusters and nutrients straight from stock containers and dispenses them with 1 mL accuracy, driven directly by the controller.

Each Elixir II plugs into one of the Aurora II's six expansion ports over a single cable that carries both power and pump control. There are no onboard electronics to configure: the controller runs calibration, priming, and dosing for all three pumps. One Aurora II drives up to six Elixir II modules for a total of 18 pumps.

- 3 peristaltic pumps, 350 mL/min each
 - Single-cable connection to the Aurora II
 - Food-grade Tygon tubing, acid resistant
 - DIN rail mount
- Accurate down to 1 mL
 - Pulls nutrients from over 200 ft away (tested)
 - Handles high-viscosity fluids such as silica
 - No onboard electronics to configure or fail



PUMPING AND DOSING	
Pumps	3 peristaltic pump heads per module
Flow rate	350 mL/min per pump
Dosing accuracy	Accurate down to 1 mL
Pump calibration	Per-pump volumetric calibration from the Aurora II (30 or 60 s timed run)
Priming	Per-pump prime and Quick Dose from the controller
Suction lift	Pulls nutrients from over 200 ft away (tested)
Fluid handling	High-viscosity fluids (such as silica) without clogging
Pump naming	Named per pump from the controller (up to 15 characters)

INTERFACE AND CONTROL	
Connection	Dedicated expansion cable to one Aurora II module port
Topology	One module per port, up to 6 modules (18 pumps) per Aurora II
Control	All dosing logic, calibration, and safety runs on the Aurora II
Onboard electronics	None; power and pump control come from the controller
Compatibility	Aurora II only (not compatible with the original Aurora)

ELECTRICAL	
Power	Supplied by the Aurora II over the expansion cable
System supply	Shares the Aurora II's single 24V DC / 10 A adapter

MATERIALS AND TUBING	
Pump-head tubing	Food-grade Tygon, 3/8 in; resists acids, prevents algae growth
Dosing line	1/4 in (sold separately)
Wear parts	Pump-head tubing is the only wear part; inspect every 3 to 6 months
Recalibration	At every bottle change, tubing replacement, or nutrient viscosity change

ENVIRONMENTAL AND PHYSICAL	
Environment	Indoor, dry location; not waterproof
Mounting	DIN rail (8 in rail and screws included)
Placement	1 to 2 ft above the sensor manifold recommended
Warranty	2-year limited hardware warranty

IN THE BOX

- 1x Elixir II module
- 6x Union couplings
- 1x Expansion cable
- 1x DIN rail (8 in) with 2 mounting screws

ORDERING INFORMATION

MODEL / SKU	DESCRIPTION
ELIXIR-II	Elixir II 3-pump peristaltic dosing module
ELIXIR-MAX	Elixir Max high-flow dosing module, single head
ELIXIR-ULTRA	Elixir Ultra high-flow dosing module, dual head
AURORA-II	Aurora II all-in-one fertigation controller (required)
TUBE-ELIXIR-3-8	Replacement pump-head tubing, 3/8 in (blue pump head)
TUBE-ELIXIR-REPLACEMENT	Replacement pump-head tubing with connectors (clear pump head)
TUBE-100FT-QTR	Dosing line tubing, 1/4 in, 100 ft
FILTER-QTR	Nutrient filter, 1/4 in inline

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