

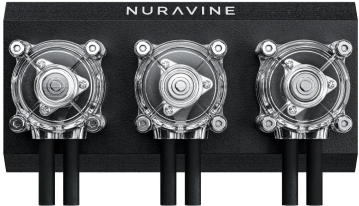
Elixir

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

The Elixir is a three-pump peristaltic dosing module for the original Aurora controller. It pulls pH adjusters and nutrients straight from stock containers and dispenses them with 1 mL accuracy, on command from the controller's dosing rules.

Modules connect to the Aurora over the Nuravine device bus and daisy-chain from Elixir to Elixir, expanding a single controller to 300 or more pumps. Onboard status LEDs show chain termination and registration state at a glance.

- 3 peristaltic pumps, 350 mL/min each
 - Daisy-chains to 300+ pumps per system
 - 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
 - Status LEDs for termination and registration



PUMPING AND DOSING	
Pumps	3 peristaltic pump heads per module
Flow rate	350 mL/min per pump
Dosing accuracy	Accurate down to 1 mL
Dose resolution	0.01 mL command resolution over the device bus
Pump calibration	Per-pump volumetric calibration from the Aurora
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

INTERFACE AND CONTROL	
Connection	2x RJ45 sockets carrying the Nuravine device bus (not Ethernet) [1]
Topology	Daisy-chain from the Aurora's Elixir port; expandable to 300+ pumps
Cabling	Shielded Cat5e/Cat6 (STP/FTP/SFTP) required between modules
Status LEDs	Termination LED (end of chain) and Registration LED (registered by Aurora)
Control	All dosing logic, calibration, and safety runs on the Aurora
Compatibility	Original Aurora only (not compatible with the Aurora II)

ELECTRICAL	
Power supply	24V DC, 1 A adapter (included)
AC input	100-240V AC, 50/60 Hz (universal input)
Maximum consumption	24 W

MATERIALS AND TUBING		ENVIRONMENTAL AND PHYSICAL	
Pump-head tubing	Food-grade Tygon, 3/8 in; resists acids, prevents algae growth	Environment	Indoor, dry location; not waterproof
Dosing line	1/4 in; 100 ft chemical-resistant LLDPE tubing included	Mounting	DIN rail (8 in rail and screws included)
Wear parts	Pump-head tubing is the only wear part; inspect every 3 to 6 months	Placement	1 to 2 ft above the sensor manifold recommended
Recalibration	At every bottle change, tubing replacement, or nutrient viscosity change	Warranty	2-year limited hardware warranty
IN THE BOX			

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| <ul style="list-style-type: none"> 1x Elixir module 1x Device bus cable (RJ45) 100 ft LLDPE chemical-resistant tubing | <ul style="list-style-type: none"> 1x Power adapter, 24V DC / 1 A 6x Union couplings 1x DIN rail (8 in) with 2 mounting screws |
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ORDERING INFORMATION	
MODEL / SKU	DESCRIPTION
ELIXIR	Elixir 3-pump peristaltic dosing module
AURORA	Aurora dosing 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

1. The RJ45 sockets are not Ethernet ports. Never connect them to a network switch, router, or PoE equipment.