DEMA

Model
Easydose

AGRICULTURAL SOLUTIONS:
EASYDOSE INJECTION SYSTEM

Thanks to the extreme chemical durability of our pump components, Easydose can be used in applications ranging from fertilization, water treatment, acid injection, cleaning chemicals and much more.

Easydose uses innovative features such as the DEMA smart dosing software, which provides accurate proportional dosing across a wide range of flow rates. The controller and pump module components are housed in outdoor-rated enclosures.

Applications Include:

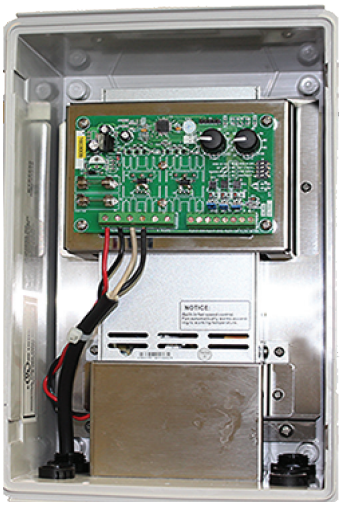
- Fertilizer treatment
- Waste water treatment
- Animal hygiene
- Drip systems
- Hydroponics
- Clean-in-place applications

Outdoor rated enclosures and analog flow meter

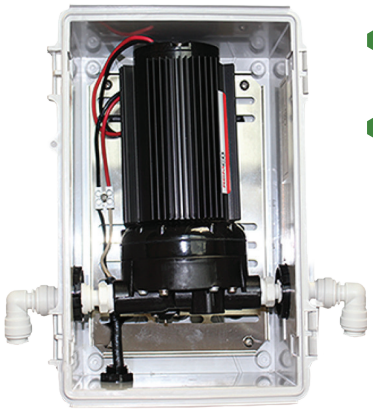
Features & Benefits

- Prewired for 115/230VAC (smart voltage hookup, no switching required) or 12VDC
- Electronic control system for pump speed control
- 1 or 2 pump configuration, each delivers up to 1.7GPM (open flow), 1.1GPM at 60PSI line pressure
- Drop-in chemical reservoir float switch for auto shut off when the chemical is depleted
- Optional analog flow meter to measure chemical injection rate
- 4-20mA capability to control pump rate
- Outdoor rated enclosures with mounting hardware
- Modular for easy add-on pumps or pump replacement

Features & Benefits



- Durable IP51 outdoor rated enclosure for electronics and pumps
- Control board with micro controller for up to 2 pumps, each with its own pump speed control
- Auto switching power supply



- 3/8" Push-on quick connect fitting
- 12VDC Diaphragm Pump (up to 2 pumps)

- Master ON/OFF power switch
- Prewired with 115 VAC power cord
- 12 VDC model available

- Pressurized Line Injection Quill
- Injector & Chemical Reservoir Float Switch (not pictured)
- Optional equipment - Analog Flow Meter for reading chemical injection rate (not pictured)

Specification

EasyDose - System Ratings	
Main Power	115/230VAC 50/60Hz 3A
	Auto voltage switching power supply
Pump	12VDC 14A
	1.7GPM (open flow, water)
	1.1GPM (@60psi, Line Pressure)

Ordering Information

Complete System Ordering	
85AC.DP2F	AC Controller Unit (115/230VAC) with Diaphragm Pump and Flow Meter
85DC.DP2F	DC Controller Unit (12VDC) with Diaphragm Pump and Flow Meter

Part Ordering	
8511.AC	AC Controller Unit (115/230VAC)
8511.DC	DC Controller Unit (12VDC)
8512.DP2	12V Diaphragm Pump Assembly
85.128.1	Analog Flow Meter

DEMA Easydose

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