

DEMA**Model
NP.P.T**

AGRICULTURAL SOLUTIONS: CHEMICAL DISPENSING

The DEMA Nitro Plus dispenser is a compact and versatile chemical dispensing solution engineered specifically for larger agricultural and farm-support applications. Nitro Plus is a feature-packed dispenser that's ideal for conveyor and other high-throughput wash systems. It delivers reliable chemical service for both door (batch) and conveyor equipment commonly used in agriculture, including parts washers, egg washing systems, bottle washers, and cart and rack washers.

Features & Benefits

- ◆ Digital Programming
- ◆ Extended Life Tube/Pump design
- ◆ Probeless (Timed Based) or Probe (Conductivity) Operating Modes
- ◆ Initial Charge Time: 1 second – 10 minutes
- ◆ Recharge Time: 1 second – 5 minutes
- ◆ Dead Cycle/Dwell Cycle is adjustable for door and conveyor type washers
- ◆ Multiple squeeze tube material options available
- ◆ Designed to work with DEMA's low-level and out-of-product alarm sensors
- ◆ Excellent in hard water situations with DEMA's inductive probe technology
- ◆ Pre-wired for efficient and effective installations
- ◆ Rack count feature for door and conveyor machines



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The Nitro Plus can be used for applications requiring:

- ◆ Parts Washing
- ◆ Egg washing
- ◆ Bottle washing
- ◆ Cart and rack washing

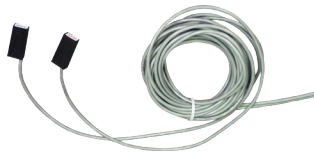
Installation Ease:

Nitro Plus is pre-wired for efficient and effective installations, saving you time, money and effort when considering the total cost of installation. Smart voltage hookup for main power automatically adjusts for the main power hookup.

Service & Preventative Maintenance Simplicity:

Nitro Plus uses industry leading quick change pumps for ease of service, preventative maintenance and durability. When used in combination with a DEMA inductive probe, reliability and accuracy stays constant regardless of issues due to hard water or corrosive chemicals.

Accessories & Kits:



Magnetic Field Sensor Kit
Part Number: 82.23.1



Inductive Probe Kit
Part Number: 82.28.1
For hard water usage. Replaces included conductivity probe.



**Low Level Alarm
Out of Product Alarm Sensor Kit**
Part Number: 84.65.65



Large Blue Pump Module Kit
Part Number: 84.65.36.MB
Add on pump module to create a two-pump system, includes bracket.



Nitro Plus Included Kit
Part Number: 81.185.85
Install kit includes probe, bulkhead, fittings, pump tube connections and other parts

SPECIFICATIONS

Main Power	115-230 VAC	50/60 Hz 1.5A
Motor/Solenoid Rating	24 VDC	
Trigger Voltage	24-480 VAC	
Case Material	ABS	
Detergent Pump Rate	300 ml/min	
Rinse Pump Rate	15 ml/min	
Pump Output	40 oz/min	



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