

SprayMate™ II

Simple Precision



MICRO-TRAK
SYSTEMS, INC.

Accurate and Affordable
Electronics from Micro-Trak

- All-in-one design with built-in controls for up to 3 separate boom sections
- Master control switch standard • Standard On/Off power switch

Standard Features

- On-the-go rate adjustment in Auto control mode
- Push-button auto/manual feature for spot treatments
- Minimum flow feature to ensure proper application pattern as ground speed slows to extremes
- Precise rate control regardless of field conditions
- Solenoid and ball valve compatible (2 or 3 wire valves)
- Flow-based control
- Controls electric and hydraulic valves/motors
- NH3 compatible

Advanced Features

- Flash memory for simple customization
- Built-in capability for VRA
- Added NH3 and Turf units
- Records area and volume in 3 independent pairs of counters so individual jobs may be tracked
- Tank counter shows amount remaining in tank
- Low Tank Alarm: "Fill" flashes in display when tank level is low (settable)
- Enhanced reliability, precision and accuracy
- Inline/bypass for servos
- Troubleshooting enhancements including "No Speed" & "No Flow" messages



System Options

THE DUAL LIQUIFIER™ KIT



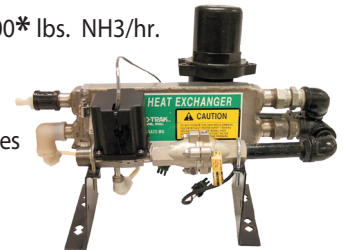
Call for
additional
information!



NH3500 Kit

- Stainless steel heat exchanger rated for 1000 to 6000* lbs. NH3/hr.
- Proven reliability - economically priced
- Pre-assembled and pressure tested plumbing panel
- Includes alnico magnet in strainer to capture rust particles

* Delivery rates are dependent on tank pressure and plumbing



The Liquifier™ Kit

- Full-range; high capacity heat exchanger rated for 1500 to 9000* lbs. NH3/hr.
- Straight-through design means superior performance even in extremely cold weather; stainless steel components
- Pre-assembled and pressure tested plumbing panel
- Includes alnico magnet in strainer to capture rust particles



System Options

Flowmeters

Model FM500



Flow Range: .05 to 5 gallons per minute (1 to 19 liters per minute)
Max. Oper. Pressure: 500 PSI (35-Bar)

Model FM750 GFN



Flow Range: 2 to 40 gallons per minute (7 to 150 liters per minute)
Max. Oper. Pressure: 150 PSI (10-Bar)

Model FM750 LF



Flow Range: .5 to 12 gallons per minute (1.9 to 45 liters per minute)
Max. Oper. Pressure: 150 PSI (10-Bar)

Model FM750 SS



Flow Range: 2 to 40 gallons per minute (7 to 150 liters per minute)
Max. Oper. Pressure: 500 PSI (35-Bar); higher pressure models available

Model FM1000



Flow Range: 3.5 to 70 gallons per minute (13 to 265 liters per minute)
Max. Oper. Pressure: 500 PSI (35-Bar)

Model FM1500 SS



Flow Range: 10 to 130 gallons per minute (38 to 492 liters per minute)
Max. Oper. Pressure: 500 PSI (35-Bar)

Model FM2000 P



Flow Range: 19 to 198 gallons per minute (75 to 750 liters per minute)
Max. Oper. Pressure: 285 PSI (20-Bar)

Model FM3000 PSS



Flow Range: 40 to 396 gallons per minute (150 to 1500 liters per minute)
Max. Oper. Pressure: 870 PSI (60-Bar)

Models FM270 FM10-100



FM270 Flow Range: 3.5 to 70 gallons per minute (13 to 265 liters per minute)
Max. Oper. Pressure: 125 PSI (8.9-Bar)
FM10-100 Flow Range: 10 to 100 gallons per minute (38 to 380 liters per minute)

The Astro Series of GPS-Based Speed Sensors

The Astro GPS Speed Sensors are a direct replacement for magnetic wheel speed sensors or radar guns and can interface to most brands of monitors and controllers.

The Astro includes 2 red status lights on the interface module, indicating power and satellite fix.

The Astro II is an accurate and economical 1 HZ GPS receiver.

The Astro 5 offers a 5 HZ receiver for faster response to speed changes.



Improve
productivity
and efficiency

Servo Valve

- 12 volt
- Improved reliability
- Rugged new exterior
- 1" NPT threads



Flanged Servo Valve

- 12 volt
- Improved reliability
- Connects to either Banjo style 2" flange or 1-1/2" NPT
- Available with either 1" or 1-1/2" butterfly



Electric Pump Driver

Micro-Trak's Electric Pump Driver (EPD) enables all Micro-Trak Rate Controllers to control the rate of flow by regulating the speed of a 12 volt pump.

The EPD replaces the electric servo valve and will control most 12v pumps up to a max of 40 amps.

The system can be purchased as part of a customized kit complete with control console, speed sensor and flowmeter, or if you own one of our controllers, you can just add the EPD kit and use your existing console and components.



Motorized Hydraulic Flow Control Valve

What will it do for you?

- Wide range of control
- Reduces pump wear (hydraulic and liquid)
- Reduces hydraulic oil volume to a minimum
- Can be used in open, closed or load sense systems
- Requires no power to maintain setting
- Easy to install, use and maintain
- O-Ring ports
- Anodized aluminum motor and valve body assembly



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