

Micro-Trak CONTROLLERS



Kit includes 1" Servo & 3/4" Meter
MT3405-F-II (5 Switch Console w/ 5 Boom
 Wiring)

MT Part# 01172
PART# MT3405-LS
 Price (Less Speed Kit) **\$1847.66**
 01527 - MicroTrak Radar --- \$820.26
 01531 Magnetic Speed Kit for MT \$190.91



MT3405-F-II

Interfaces For Existing Radars:

- All Below are for Radars Already powered-up. If need to power-up radar add **\$79.00** for power cable to any below.
- 14214 In-Cab JD 2 pin M/P 95.52
 - 14215 Dickey-John AMP Connector 147.32
 - 14218 Dickey-John Ford Connector 147.32
 - 14220 Magnavox/Phillips Connector 147.32
 - 14221 Raven 147.32
 - 14222 John Deere M/P with Y-Cable 147.32
 - 01550 DSA INTERFACE KIT for existing radar that has own power - \$ 190.91
 - 01410 Astro II GPS Speed Receiver for MT - \$ 411.45

FLOW METER KITS:

- 01500 FM500 (1/2") .5-5 Gpm \$ 414.10
- 01501 FM750P (3/4") 2-40 Gpm 414.10
- 01504 FM750SS (3/4") 2-40 Gpm 711.77
- 01505 FM100SS (1") 3.5-70 Gpm 812.32
- 01515 Flanged 3.5 to 70 Gpm 100 Series 674.73
- 01514 Flanged 10-100gpm 200series 699.87

EXTENSIONS:

- 13205 3 Pin - 5' M/P Ext. Cable 71.44
- 13206 3 Pin - 10' M/P Ext. Cable 76.27
- 13207 3 Pin - 15' M/P Ext. Cable 84.52
- 13208 3 Pin - 20' M/P Ext. Cable 89.88
- 13209 3 Pin - 25' M/P Ext. Cable 95.95

SPEED PARTS:

- 13096 Speed sensor cable \$ 114.19
- 01531 Wheel speed sensor kit 190.91
- 01533 Drive shaft speed sens. kit 100.23
- 01535 Run/Hold Kit 169.42

SERVO VALVE & SERVO EXTENSION WIRES:

- 17140 11/2" 200 series flanged \$483.44
- 01564 100 series flanged 434.89
- 14928 1" Electric servo / New Style fits all 303.44
- 10450 Servo extension wire - 3 pin - 5' 67.32
- 10449 Servo extension wire - 3 pin - 10' 74.72
- 10876 Servo extension wire - 3 pin - 15' 85.22
- 10829 Servo extension wire - 3 pin - 20' 92.95
- 11462 Servo extension wire - 3 pin - 25' 104.22

MAIN HARNESS EXTENSIONS:

- 13220 MT3405-5 10 pin 5' Ext 122.39
- 13221 MT3405-5 10 pin 10' Ext 146.17
- 13222 MT3405-5 10 pin 15' Ext 170.28
- 13223 MT3405-5 10 pin 20" Ext 200.18
- 13224 MT3405-5 10 pin 25' Ext 232.58

MISC PARTS:

- 13803 Flow, Run / Hold Servo Boom 1 (harness) \$130.14
- 13762 Booms 2 & 3 Relief (harness) 122.19
- 13763 Booms 4 & 5 (harness) 138.11
- 13773 Owners Manual 27.48
- 13774 MT3405-F-II Console mounting kit 59.84
- 14880 MT3405-F-II Console Only 1837.07
- 01545 Power Cable Kit 242.28

List Price
Please Apply Discount



- 01410 Astro II GPS Speed Receiver for MT - \$ 411.45
- 01411 Astro II for MT3000/5000 411.45
- 01412 Astro II for Old Style Calc 411.45
- 01413 Astro II for DJ 4 pin AMP 411.45
- 01414 Astro II for DJ Packard 411.45
- 01415 Astro II for all Raven 411.45
- 01416 Astro II for Magnavox/ Phillips 411.45
- 01417 Astro II for TeeJet 844 411.45



Vansco Radar

Speed Sensor

Mount Ht.: 12" to 48"
 Speed Range: 2 to 44 mph
 Power Source: 12 Volt
 Dimensions: 3.7" x 4" x 9.3"

Adapter Cables:

- 14019 MT-new style products \$102.34
- 14024 MT-84C,96C,YT85, 86S \$102.34
- 14025 MT300 & MT5000 \$102.34
- 14030 Cable for Raven 1' \$139.84
- 14031 TeeJet Products 1' \$139.84

MicroTrak Radar



Part# 01527 List Price \$ 820.26

Includes Adapter cable for new MT Products

SPRAYMATE II

Fully function, Affordable Spray Monitor

The SprayMate proves again that you don't need to spend a lot to get accurate application control. It automatically maintains a preset application rate and can be used for both chemical and NH3 application. Features the same solid, space-saving design of the new Calc-An-Acre and Flow-Trak.



3 Boom Switches

MT-SM2-LS 3 Booms, 3/4 GFN meter, 1" servo, Less Speed kit Price **\$1434.89**
MT PART# 01171

01531 Magnetic Speed Kit	\$ 190.91
01527 MicroTrak Radar	820.26
Interfaces For Existing Radars:	
All Below are for Radars Already powered-up, If need to power-up radar add \$79.00 for power cable to any below	
14214 In-Cab JD 2 pin M/P	95.52
14215 Dickey-John AMP Connector	147.32
14218 Dickey-John Ford Connector	147.32
14220 Magnavox/Phillips Connector	147.32
14221 Raven	147.32
14222 John Deere M/P with Y-Cable	147.32
01550 DSA INTERFACE KIT for existing radar that has own power -	\$ 190.91

List Price
Please Apply Discount

Introducing.... The MT-3405D™ Dual Channel Automatic Rate Controller

***Call for Application*
Specific Kit Pricing**



The New MT-3405D Dual Channel Automatic Rate Controller simultaneously controls the application of TWO products from one controller! Easy to use, eliminates cab clutter with one unit! System operates in either "standard" mode where channel 2 controls a single independent boom with programmable width, or "injection" mode where channel 2 responds to channel 1 boom switches and widths. Heavy-duty console with built-in boom controls Controls any combination of liquid, granular or NH3 products

Features: Built-in capability for VRA. Records area and volume in 3 independent pairs of counters for each control channel so individual jobs may be tracked. Tank counter shows amount remaining in tank for each channel. Low Tank Alarm: "Fill" flashes in display when tank level is low (settable). Troubleshooting enhancements including "No Speed" and "No Flow" messages. Independent on-the-go rate adjustment for each control channel in Auto control mode. Each channel has independent auto/manual control for spot treatments.

Minimum flow feature to ensure proper application pattern as ground speed slows to extremes
Precise rate control regardless of field conditions. Flow-based control. Controls electric and hydraulic valves/motors. Master hold turns both channels ON or OFF simultaneously

CONTROLS & MONITORS

Micro-Trak CONTROLLERS



ACRE COUNTER
SPEED
CALC-AN-ACRE II

#CALC-AN-ACRE-NS \$428.03

Parts: New Style Calc-an-Acre

10013	Sensor bracket	\$16.27
10012	Magnet	4.32
10080	Mag. clip	11.05
13096	Speed sensor	114.19
13226	Run/hold sensor cable	98.80
01530	Speed sensor kit	173.64
12069	6 Pack - Magnets	15.95
01535	Run/hold kit	169.42
01536	Relay kit	109.56
13090	Speed,run/hold,power harness	150.97
13184	Owners Manual	27.48
01380	Shaft RPM Module Kit	347.50

FLOW
MONITOR



FLO-TRAK-NS

Price \$1107.07

*Includes 3/4

Gfn Flow Meter

FEATURES

- Counts Acres
- Acres Sprayed
- Speed, Distance
- Gallons Total
- Gallons per Acre
- Gallons per Minute



List Price
Please Apply Discount



Whirlwind

Air Seeder Blockage Monitor

Monitors up to 256 seed or fertilizer tubes

Immediate notification of plugged runs

Easy to Install

No maintenance of sensor "eyes"

No sensor in product flow to clog

Scans every run

01375	Whirlwind console	\$ 859.50
01376	Module kit (up to 16 sensors)	484.07
01377	Sensor Kit, 1"	92.14
01378	Sensor Kit, 1 1/2"	92.14



Shaft-Trak



Shaft &
Bin Level Monitor



Monitors up to 6 independent shafts, or monitor up to 3 shafts and 3 bins levels. Sends information to allow operator to know if shaft or shafts are turning under 45 RPM or when level of bin is below sensor. No programming, plug & go! Audible Alarm. Avoid skipped seeding areas.

Kits Include: Console, Shaft sensor(s), Mounting hardware & Instructions.

01330	ShaftTrak kit w/ 1 sensor	\$ 544.06
01331	ShaftTrak kit w/ 2 sensor	600.79
00332	ShaftTrak kit w/ 3 sensor	657.52
01333	ShaftTrak kit w/ 4 sensor	712.96
01334	ShaftTrak kit w/ 5 sensor	769.68
01335	ShaftTrak kit w/ 6 sensor	826.41

E.P.D. Use Your Existing Micro-Trak Automatic Monitor to Control a 12 Volt Pump
Electronic Pump Driver. Works with Newer MT Products. (MT3405F & MT2405 Etc.)



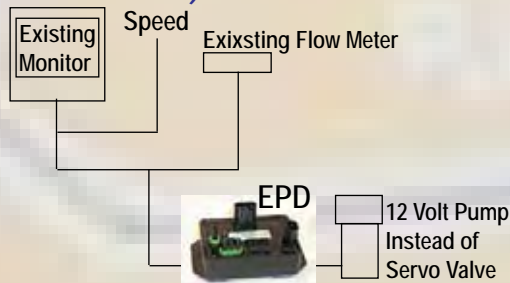
MICRO-TRAK
SYSTEMS, INC.
An Electronics Company



Can control 12 Volt Pumps
up to 20 Amps.

Part #17068

List Price \$ 567.57



PARTS for Old MT3000 & MT5000

MAIN HARNESS'

Part #	Description		
10415	MT3000 Harness	\$	404.21
10967	MT5000 Harness		N/A
11039	NH3 - MT3000		N/A
11090	NH3 - MT5000		N/A

SERVO

14928	1" Servo new style, fits all		303.44
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CABLES FOR VALVE & SENSORS

11311	Servo 3 Cable		71.60
10419	Solenoid Cable (MT3000)		43.70
10969	Solenoid Cable (MT5000)		67.77
11037	NH3 Secondary Cable		113.63
10132	Flow Trak Flow Sensor		99.32
10417	MT Flow Sensor		83.14
10973	Aux. Cable 5000		N/A

MISC.

10365	3000 Console		N/A
12096	Gauge		N/A
10423	Console Knob		7.93
12245	3000 Manual		31.14
10477	3000 Terminal Kit		35.19
10523	3 Pin Connector		33.17
10474	Ferrule Kit 3000		41.10
11203	Snubber Washer Kit		20.07

FLOW-METERS (FM)

SEE NEW STYLE FLOW METERS

OLD STYLE MT3000 INTERFACEKITS

00129	DickeyJohnAMP		\$366.00
00145	Magnavox		\$366.00
00146	TRW		\$366.00
00170	Dickey John, Willmar		\$366.00
00176	Dickey John, Packard		\$366.00
00177	Dickey John, Cannon		\$366.00
00193	Raven		\$366.00
12758	Universal Tee tap kit for radars with own power		\$211.86

Trak-Star Interfaces (Old Style)

Description	Part#	Cal#	Price
Newer MT Products	13261	NA	\$99.72
Calc., FloTrak, OLD STYLE	10686	7.0	119.11
Hiniker	10745	6830	177.10
Raven 400to660	10741	560	265.06
SED	10907	520	163.00
MT	10786	3.5	99.72
DJ	10687	NA	207.16



FLOW-METER PARTS

Part #	Description	List Price
10091-N/A	FM750 Turbine (White)	NA
10093-N/A	FM750 Turbine (Black)	NA
14836	Common Turbine (Tan)	\$123.16
13783	FM750 O-Ring	26.25
10137	FM750SS Gasket	13.14

NH3 PARTS

11191	Strainer screen	46.55
13277	NH3 Shut-off Valve	1402.52
1066Y	NH3 Shut-off motor assembly	385.00
13281	NH3 Servo Valve & motor	N/A
20891	Motor Only Nh3 Servo	\$357.35
10233	Vapor Tube	56.98
11006	NH3 Strainer	524.41
11192	NH3 Strainer Gasket	33.02
12838	3/4" x 1' Vapor Tube	36.24

EXTENSION CABLES

10450	3 Pin - 5' Ext	67.32
10449	3 Pin - 10' Ext	74.72
10876	3 Pin - 15' Ext	85.22
10829	3 Pin - 20' Ext	92.95
11462	3 Pin - 25' Ext	104.22
11050	6 Pin - 5' Ext	121.95
11051	6 Pin - 10' Ext	151.18
11052	6 Pin - 20' Ext	212.06

SPEED PARTS

10514	Magnetic speed kit	121.95
10487	Run/Hold Kit	87.76
10416	Speed Sensor Cable	65.71
10012	Magnet	4.35
10080	Magnet Clip	11.05
10013	Sensor Bracket	16.27

Replacement Parts: MT3400

13248	Console	\$	N/A
13096	Flow Meter Sensor Cable		114.19
01545	Power Cable		242.28
13116	Flow, Distance, Servo Harness		261.54
13088	Run/Hold, 2-4 Boom, Boost Harness		273.38
13220	10 Pin - 5' extension cable		122.39
13221	10 Pin - 10' extension cable		146.17
13222	10 Pin - 15' extension cable		170.28
13223	10 Pin - 20' extension cable		200.18
13224	10 Pin - 25' extension cable		232.58
13206	3 Pin - 10' M/P Ext. Cable		76.27
13207	3 Pin - 15' M/P Ext. Cable		84.52
13208	3 Pin - 20' M/P Ext. Cable		89.88
13209	3 Pin - 25' M/P Ext. Cable		95.95
01535	Run / Hold Kit		169.42
13226	Run / Hold Sensor Cable		98.80

"OLD STYLE" CALC-AN-ACRE PARTS



10012-Magnet	4.35
10013-Sensor Bracket	16.27
10080-Magnet Clip	11.05
10686-Trak Star Adapter	119.11
10154-Owners Manual	27.48
10083-Speed Sensor Kit	127.82
10074-Speed Sensor Cable	98.58
10085-20' Speed Ext. Cable	81.62
10049-Console Bracket	20.43
10051-Knob	8.85

List Price
Please Apply Discount

CONTROLS & MONITORS

Micro-Trak NH3 KITS



MICRO-TRAK
SYSTEMS, INC.
An Electronics Company

This NH3 kit is a complete, stand-alone system that can be used with any MT3000 or MT5000 console. It provides accurate, automatic application of NH3 and can handle rates of 600 to 6000 lbs. per hour. Corrosion resistant materials assure long life even when applying N-Serve.

KIT INCLUDES: Stainless steel flow meter, servo valve, heat exchanger and electric shut-off valve. Also provided; Wiring harness, strainer, tubing, tees, clamps, mounting brackets and hardware.



CONTROLS & MONITORS

*01138	MT-NH3 II w/NH3500 Kit	1000-6000 lbs NH3/hour	\$5285.39
**01343	Spraymate II w/ NH3500 Kit	1000-6000 lbs NH3/hour	\$5285.39
**01227	MT-2405 F II w/ NH3500 Kit	1000-6000 lbs NH3/hour	\$5417.69
**01242	MT-3405 F II w/ NH3500 Kit	1000-6000 lbs NH3/hour	\$5549.99

*Old Part Number - MT-NH3-KIT-2-D
**Old Part Number - MT-NH3-KIT-1



MICRO-TRAK
SYSTEMS, INC.
An Electronics Company

- 01550 - DSA Kit for Radar \$190.91
- 01531 - Mag Speed Kit \$190.91
- 01410 - Astro II Gps Speed \$411.45



List Price
Please Apply Discount

FLOW MONITOR



FLO-PRO
Liquid Flow Monitor



Part# 00101-GFN
List Price w/ 3/4" GFN
Flow Meter....\$844.87

Features and Capabilities That Outperform Simple Gallon Counters.
*Can Monitor 3 Flow Meters
*Counts Batch Gallons and Total Gallons

*Set Key Allows a Pre-determined Gallonage Point which Can Set Off a Horn or a Buzzer When That Point is Reached
*Provides a Continuous Digital Readout Within 1/10 Gallon.

MICRO-TRAK
SYSTEMS, INC.
An Electronics Company