The ENDEAVOR fertilizer controller automatically controls 12 volt pumps applying liquid fertilizer and other at plant in furrow treatments. It’s capable of controlling up to 10 sections and can be used with any swath control system to automatically shut on/off sections. The ENDEAVOR can be controlled by many existing third party controllers such as John Deere GS2/GS3, Ag Leader Integra/Insight, Trimble EZ Boom/Field IQ, Case Pro600/700, and Raven 440/450. Microtrak 3, 5, and 7 section consoles will control the ENDEAVOR when third party controllers are not being used.

The ENDEAVOR comes pre-assembled, plumbed, and wired on a slim profile mounting stand for simple installation. Wilger flow indicators with mounting stand included allows you to monitor flow to each row while low pressure diaphragm check valves keep all fertilizer lines fully charged. The ENDEAVOR can be configured with multiple size pumps to fit grower’s demands. Application rates from 1 to 8 gallons per acre are achievable. The ENDEAVOR comes with a 1 year warranty on all components, and KZ section valves will be warranted for 2 years.
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Starter Fertilizer Made Easy

Application In Front of and Below the Seed

Put an end to plugging, poor seed spacing and damaged parts

JOHN DEERE
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Part# | Planter Model#
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TT-006 | JD "XP" Series
TT-002 | JD 1700, 7200, 7300
TT-001 | JD 7000, 7100

KINZE
Solutions

Part# | Planter Model#
---|---
TT-001 | Kinze 2000 Series
TT-001 | Kinze 3000 Series

CASE
Solutions

Part# | Planter Model#
---|---
TT-100 | All CASE Planters

Universal Seed Firmer
126008

Kinze Seed Firmer
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With SafeGuard’s in-cab audible alarm and visual display, you’ll instantly hear and see what you’ve been missing. SafeGuard’s around-the-clock protection continuously monitors your application. SafeGuard™ instantly informs you of liquid blockages and pinpoints their location, arming you with the knowledge and power to fix them immediately to stop yield reduction and profit loss dead in their tracks. Take back control of your application and put more dollars in your pocket.

Installation Flexibility & Saving Opportunities

No limitations in mounting configurations. Mount the sensors to suit your needs since the rows are being monitored without the need to see them. Gang sensors together, mount them individually over the row, or any combination of both. Sensors are compatible with most other visual flow monitor components. Over-the-row installations clean up plumbing and eliminate excessive hose lengths.
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TRADITIONAL GANGED SENSOR INSTALLATION EXAMPLE

INNOVATIVE OVER-THE-ROW SENSOR INSTALLATION EXAMPLE
Liquid Blockage Monitor for ISOBUS

System
The SafeGuard ISOmod uses an existing virtual terminal (VT) in the cab to display liquid blockage information and control settings. On-screen messages and simple icon buttons on the virtual terminal access all monitoring functions. View real-time status of individual and total sensors arranged into dual networks and independent left and right sensor banks. Data communication is based on ISOBUS- ISO 11783 standards.

ISOMOD Interface
This is the information processing unit of the SafeGuard ISOmod system - continuously scanning rows for blockages and displaying information on the Virtual Terminal screen. It provides the physical interface between the liquid blockage sensors and the Virtual Terminal. The wiring harness of the ISOmod connects to the sensors and an available ISOBUS connection.

Sensor & Cartridges
The sensor assembly is a liquid flow chamber surrounded by a blockage detection shroud. Its physical characteristics are similar to visual flow monitor devices. The flow openings accommodate plug (male) and cap (female) fittings. The sensors may be mated with other sensor assemblies or used individually. The chamber contains a detection cartridge which rises with flow. A fumigant-ready version of the sensor is also available. Cartridges are available in a variety of weights to accommodate a wide variety of liquid densities, and also to provide partial blockage monitoring.
SafeGuard ISOBUS Cabling

Micro-Trak Tap Cables
M/P (Generic) - P/N 18894
Ampseal 16 (John Deere) - P/N 18895
Delphi MP630 (Great Plains/Dickey-John) - P/N 18896
Delphi GT280 (Case) - P/N 18897
Deutsch DTM (in-cab) Kit - P/N 18944 (includes power cable)
Deutsch DT (in-cab) Kit - P/N 18945 (includes power cable)
Deutsch DT (in-cab) Kit - P/N 18950 (includes power adapter)
Micro-Trak IBIC Cable (for direct connection) - P/N 18921

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