

TeeJet® Sentry 6140 & 6141 Nozzle Flow Monitor

Plugged or partially blocked spray nozzles can have a significant impact on the quality of your spraying job, and identifying plugged spray tips has never been easier than with **TeeJet's Sentry 6140 Nozzle Flow Monitor**. Streaks in the field caused by misapplication can result in yield reductions, increased weed pressure and the need to reapply — all of which can be costly. The **Sentry 6140 Nozzle Flow Monitor** provides a simple, reliable solution to this problem. Flow sensors mounted at each spray nozzle location monitor the flow through the nozzle and provide instantaneous feedback to the operator should a nozzle become clogged or otherwise function poorly. Any error is indicated by in-cab alarm, display notification, and illuminated LED at the affected nozzle body. By eliminating the need to detect plugged nozzles visually from the cab, operators can cover more acres in a day and know with confidence that their spray nozzles are operating properly.

Sentry 6141 offers the same great nozzle monitoring features as the 6140 console — now compatible with ISOBUS technology!



Standard Features:

- Individually monitor flowrate performance of every spray tip or metering orifice on your boom
- Utilize a compact flow meter integrated into each nozzle body
- Flow meter detects flow variation caused by clogs, lost or damaged nozzle or upstream flow restrictions
- System can monitor up to 75 spray nozzles simultaneously
- Error is indicated by audible alarm, display notification & illuminated LED at the affected nozzle
- Flow meters rated from 0.1-2.5 GPM and maximum pressure of 150 PSI

Sentry 6141 Only Features:

- ISOBUS compatible design; can connect to an existing TeeJet or third-party Universal Terminal (UT) and eliminates the need for an additional console in the cab

Part No.	Description
SS 90-02889	Sentry 6140 Nozzle Flow Monitor Kit, Single Sect.
SS 6140	Sentry 6140 Nozzle Flow Monitor Kit, 1-15 Sect.
SS 6141	Sentry 6141 Nozzle Flow Monitor Kit, 1-15 Sect., ISO
SS 90-02862	Single Flow Sensor Kit
SS 90-02861	Dual Flow Sensor Kit

Model 6140 Base Kit Includes: Sentry 6140 console with RAM mount, nozzle flow monitor interface, boom sense interface module, flow interface harness, boom sense (1-15 section) interface harness, 2' power cable and (1) male and female terminators. Extension cables and flow sensors (dual or individual nozzle) are sold separately.

Model 6141 Base Kit Includes: Sentry 6141 console with RAM mount, ISO nozzle flow monitor interface, ISO TFMI harness, boom interface module, boom sense (1-15 section) interface harness & CAN terminators



Model 57-00122 turbine style flow meter used with the Sentry 6140 Nozzle Flow Monitor is compact, reliable and proven. The threaded connection allows the sensor to be added onto a wide range of standard TeeJet single and multiple outlet nozzle bodies. ChemSaver® diaphragm check valves remain in place to provide positive spray nozzle shutoff.

ISOBUS Connection Cable (for Sentry 6141 Kits only)

Part No.	Description
SS 45-09034	ISOBUS Tee Cable, John Deere ISO Planters
SS 45-09035	ISOBUS Tee Cable, Raven
SS 45-09038	ISOBUS Tee Cable, IBBC ISO Hitch
SS 45-09044	ISOBUS Tee Cable, Case IH 2000 Series Planters
SS 45-09045	ISOBUS Tee Cable, Case IH 1200 Series Planters

Console Extension Cables

Part No.	Description
SS 45-05900	5' Console Extension Cable
SS 45-05901	10' Console Extension Cable
SS 45-05902	20' Console Extension Cable
SS 45-05903	40' Console Extension Cable

Nozzle Sensor Extension Cables

Part No.	Description
SS 45-05857	3' Sensor Extension Cable
SS 45-05858	6' Sensor Extension Cable
SS 45-05859	12' Sensor Extension Cable
SS 45-05864	35' Sensor Extension Cable

Additional Components/Repair Parts

Part No.	Description
SS 57-00122	Replacement Nozzle Flowmeter Assembly
SS 57-00123	Replacement Gasket for Tip Flowmeter
SS 45-05279	Cigarette Lighter Power Cable



Service and Production Department



Dultmeier Sales engineers and builds a large variety of pumping systems, including "Custom Packages" to meet your unique needs. We build centrifugal, gear, diaphragm, fuel and DEF pumping systems. We also build Liquid De-Ice & turf / tree sprayers, chemical inductors, manifolds, load arm systems & more.