

# Delta 34i **Sprayer control**



An extremely versatile management and regulation system for all types of sprayer

The RDS **Delta 34i** is a user-friendly, fast-responding, automatic regulation system for all types of sprayer.

Now with integral SD card reader for data recording.

**RDS TECHNOLOGY**

P R E C I S E L Y

[www.rdstec.com](http://www.rdstec.com)

The **Delta 34i** regulation system works from either a pressure sensor or a flow sensor (or both) and provides information on forward speed, application rate, total and partial area, total and partial volume applied, boom and section status and pressure, flow rate and tank level.

The 'target rate' is easily entered into the instrument using the keypad and the application rate is controlled by a control valve according to the set rate.

An integral SD card port allows the easy transfer of data from the unit and it is also compatible with many precision farming interfaces.

#### FEATURES:

- Includes Dual Boom Line Control for automatic selection and switching of optimum nozzle size.
- Nozzle selection and 'jug test' nozzle calibration wizard.
- Secure calibration menus prevent accidental or unauthorised calibration.
- Can regulate based on flow or pressure sensors and automatically selects pressure based regulation if flow rate is outside limits of flow sensor.
- Density setting for liquid fertiliser.
- Manual/automatic or variable rate control.
- Data-logging options through integral SD card reader.
- Comprehensive backlit display for use in all light conditions.
- Secondary software option for use of instrument in other applications.

#### ADVANTAGES:

- Optimisation of spray application cutting chemical wastage and costs.
- Dual Boom Line Control ensures accurate rate and droplet size over a wider range of speeds and application rates.
- Will interface with sprayer boom control box or an automatic boom section switching system to ensure accurate rate control and correct area accumulation.
- Fully compatible with further precision farming interfaces (e.g. John Deere Greenstar compatible controllers, Yara NSensor, Crop Circle chlorophyll detection systems).
- Compatible with Tank Filling Flow sensor for automatic control of tank filling valve.
- Nationwide support and service from RDS distributors.

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#### TECHNICAL DETAILS:

Operating voltage:	11 - 28 Vdc
Switches:	Rubber membrane - sealed
Display:	160 x 128 pixel (95 x 75mm)
Temperature range:	-30°C to +75°C operating -40°C to +85°C storage
Warranty:	2 year
Env. protection:	Instrument unit IP67 Full RFI/EMI protection

#### SYSTEM ENHANCEMENTS:

- RDS GPS 16** - GPS speed signal input for accurate forward speed measurement.
- Tank Sensor** - For automatic control of tank filling valve.
- TGSS** - True ground speed measurement with a radar input.
- System ERIS** - For variable rate control to third party systems.

#### ALSO IN THE RANGE:

- Spraymaster 200** - For accurate flow/pressure-based application in an entry-level instrument.
- Delta 34i Spreader Control** - For variable rate fertiliser spreading.

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#### DISTRIBUTORS:

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