



K500T1

NOVA 200 RATE CONTROLLER COMPUTER

GENERAL FEATURES

Guidance with On-screen Lightbar

- Displayed info - way line number, guidance light-bar, current heading (compass)
- Complete overview of the job carried out, with zoom in/out (birds eye - worms eye view)
- Accuracy up to 2.5 cm depending on the connected GPS receiver (RTK or subscription based)
- Job Pause feature help operators pause and continue at the very same point of field after refilling tank
- Realignment function of way lines for row crops in case line shift needed
- Way lines offset customization - intended overlap or gap on rows can be customized) / USB connection for software updates

Field Database

- Save fields together with points of interests such as tree trunks, cracks etc.
- Recall fields from database with its way lines for future operations

Equipment/Tractor Database

- Several different types of equipment & tractors can be saved to database to be used with guidance feature (Sprayers, seeders, planters, spreaders, tillage equipment etc.)

Rate Control

- Sustaining set application rate (l/ha) at alternative application speed
- Spraying stops below minimum set pressure and speed
- Customized nozzle spacing parameters
- Prevents pressure loss in the system on restarting spray job at row turns
- Keeps data of total area covered and total spray amount starting from very first operation
- Alarm states - High speed/Low speed/Min speed/No Flow/Min Tank/No Speed/Below min. reg. pressure/Above max. reg. pressure
- In situations of lost GNSS signal Auto Section Control pauses but Rate Control continues using wheel speed sensor

Auto Section Control

- Turns off sections of the sprayer when overlapping areas or when moving off field boundaries
- Alarm activated at weak GPS signal quality
- Integrated on-computer switches controlling up to 7 sections manually
- Adjustable overlapping percentage limit
- Adjustable opening advance & closing delay distance

Variable Rate Control

- Mapping capabilities, allowing for precise location tracking and mapping of field variability. This data is used to apply the correct input rates based on specific zones within the field.

Displayed Info

- Application Rate, Speed, Pressure, Flow Rate, Sprayed quantity, tank level, area covered, spraying duration, distance covered,
- User configurable "Instant Menu"

Job Report








- In computer job completion report with relevant variable rate mapping, overlaps, total time, total area, productivity (he/h, l/h)

Connectivity and IoT

- Wi-fi capability enables remote monitoring and control through smartphones, tablets, or computers through "tim app" and helps easy latest version software updates
- Collect detailed data and store it on cloud-based "tim app" platform on every application, including input rates, locations, and outcomes.

K200T1

STANDARD PACKAGE CONTENTS

 <p>K500T1YP100 Nova 200 Computer</p>	<p>KYP033 GPS</p> 	 <p>KYP029 Triple Suction Cup Mount</p>	<p>KYP031 Speed Sensor</p> 	 <p>SIM014 Power Cable</p>	<p>SIM100 Nova 200 6 MT Valve Cable</p> 	<p>*Optional</p> <p>SIM101 Nova 200 11 MT Valve Cable</p> 
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REQUIRED PRODUCTS

20 BAR 7W ORION FLOWMETER ELECTROVALVE KIT



TA 871T502



TA 863T024S



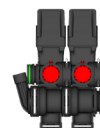
TA 32621M3



TA 46211A4A5B5



TA 863T0150



TA 863T0120

FITTINGS & MANOMETER



TA 1091313



TA G11054V



TA 1190425



TA 010004



TA 911025

x7

x1

x1