

**Tractor ISOBUS**

**Agtron ART Seed Flow**

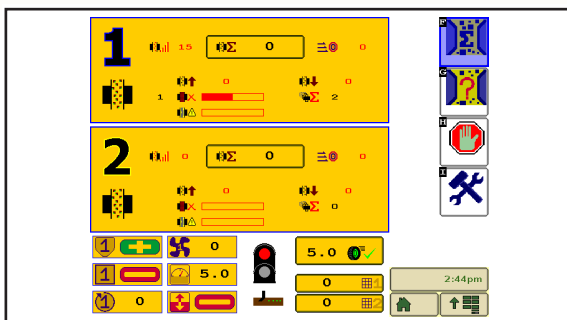


**ISO**

**ART**

**The Agtron ISO ART System** unlocks the power of ISOBUS - the international electronic standard for agriculture. Use the Virtual terminal in your tractor (Case Pro600, John Deere Greenstar 2 or Cat GTA) to monitor vital seeding information. Confirm your calibration for seed and fertilizer rates - rate displays are in seeds per acre or pounds per acre. On the blockage side there are two sensor loops (optional); one for seed and one for fertilizer with 120 sensors per loop - more than enough to cope with today's larger seeding units.

The ISOART 160 takes the uncertainty out of air cart operation. You will know for sure the seed tank is pressurized and there is no product bridging!



**"No" to Strips**



**Know your rates**

### How it Works

The sensors are connected in a loop around the machine with waterproof and foolproof connections. Each sensor has its own intelligent electronics to determine its order in the system. This means simple hookup compared to systems where you have to connect several boxes which clutter the machine. An accurate optical system detects the seed rate, each sensor in turn sends its information to the Virtual Terminal. To correct for any seeds not detected by the sensor, a seed calibration factor is provided. Ground speed from the tractor's Electronic Control Unit provides information for calculating seeds per acre or pounds per acre. Metric system units are available in the setup menu.



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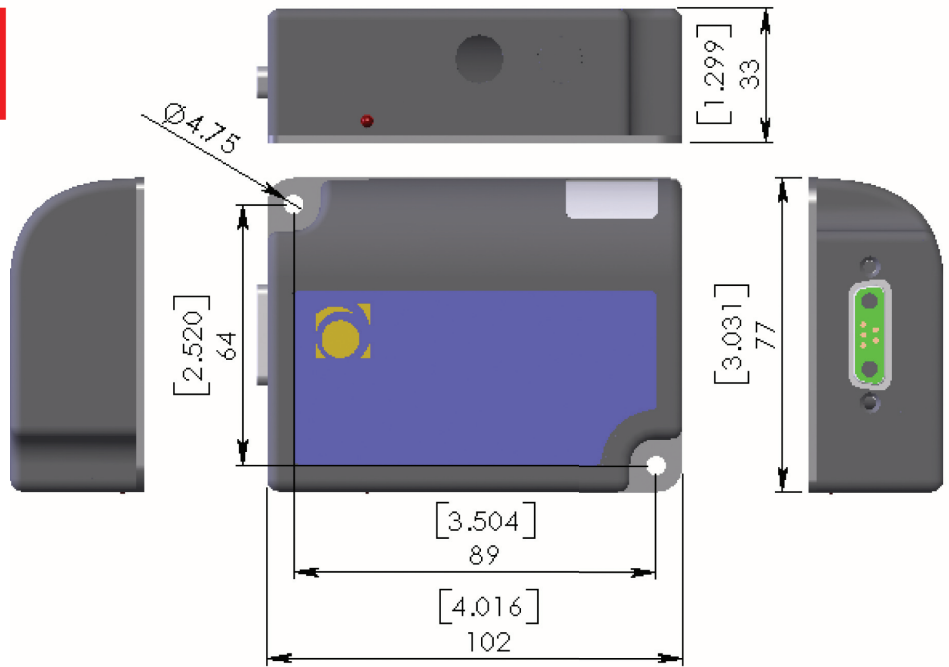
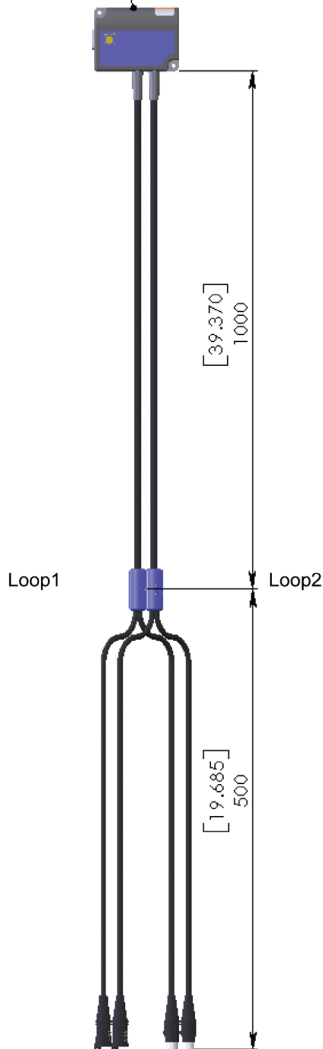
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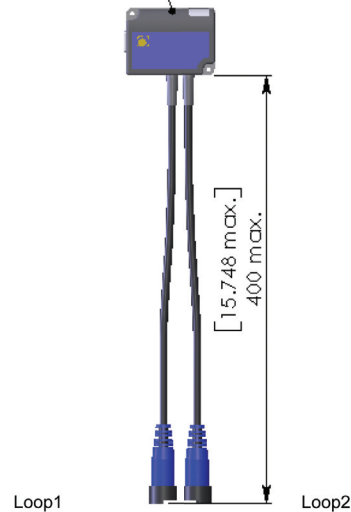
# ISO ART

## 1. Physical Dimensions

D2200  
ECU With Y-Cables



D2201  
ECU With Main Extensions



## 2. Electrical Characteristics

### Absolute Maximum Ratings (1)

Ambient Temperature.....	-30°C to +85°C
Storage Temperature .....	-40°C to +105°C
Supply Voltage .....	10.0V to 22.0V
Maximum Current Consumption .....	25 A

**Note 1:** Stresses above those listed under "Absolute Maximum Ratings" can cause permanent damage to the sensor. Exposure to maximum rating conditions for extended periods can affect device reliability.

### Operational Ratings

Ambient Temperature.....	-20°C to +50°C
Supply Voltage.....	10.0V to 16.0V
Nominal Current Consumption.....	250 mA without sensor loops installed
CAN 2.0B bus .....	250Kbps

### Communication Standards

CAN 2.0B baud .....	250Kbps
ECU Name .....	