

# ULTRASONIC WATER METER

## Water Management

Product numbers: 6000-0031 to 6000-0038



**MAXIMUS**<sup>®</sup>

An Ingersoll Rand Business

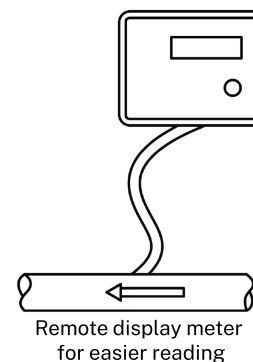
Designed for exceptional measurement accuracy, this water meter provides agricultural producers with a reliable way to track their animals' daily water consumption.

The high precision ultrasonic water meter surpasses the performance of a conventional meter. It quickly identifies changes in water consumption that may signal leaks or other issues in your water supply system.



### Features

- Two readings models: liter or gallon
- Pipe diameter available formats: ½ in (DN15), ¾ in (DN20), 1 in (DN25) and 1½ in (DN40)
- Connectors made of brass
- Split installation: Display unit and flow sensor can be installed separately for easier LCD eye reading
- Installation in any position: 360 degrees
- Accurate measurement of flow rate as low as 0.005 m<sup>3</sup>/h
- Protection class: IP68
- Power supply: 12 VDC
- Environmental Class: E1, M1
- Suitable for outdoor installation
- Adapters included



### Benefits

#### No moving parts

- Prevents dirt and debris from clogging the meter.
- Eliminates mechanical wear and long term abrasion.
- Reduces maintenance and extends service life.
- Maintains accuracy even in harsh water conditions.

#### Long lasting, reliable performance

- Solid state design ensures consistent precision over years of use.
- Ideal for demanding farm and livestock environments.

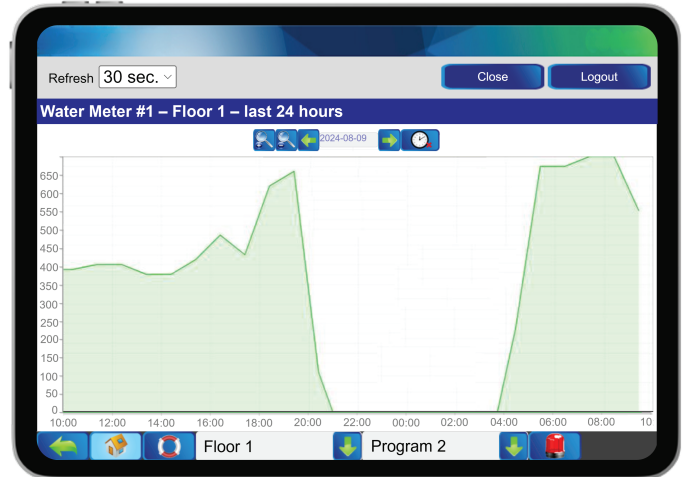
## Consumption Information

When connected to the MAXIMUS controller, the ultrasonic water meter records real-time data to support confident production management.

This screen displays various consumption values for each of the water meters monitoring the consumption of 20,000 birds.

Name	Cons. 15 min	Cons. 24h	Cons./head 24h	Cons. today	/head today	Use same settings as
Total	244L	13741L	318ml	4966L	115ml	
Water Meter # 1	120L	7050L	327ml	2520L	117ml	
Water Meter # 2	124L	6664L	309ml	2446L	113ml	

This graph shows the bird water consumption in the last 24 hours. The downward slope corresponds to the moment when the lights were turned off, while the upward slope corresponds to the moment when the lights were turned on.



## Why Choose the MAXIMUS Ultrasonic Water Meter?

### Leak Detection

The MAXIMUS ultrasonic water meter quickly identifies unexpected increases in water usage helping you detect leaks or equipment issues. This advanced technology reduces water loss and supports efficient farm operation.

### Livestock and Poultry Health Tracking

As a livestock water meter, the solution provides monitoring of your animals' daily water consumption. Sudden changes in usage can indicate stress or illness. This way, it allows you to act quickly to protect the health of your flock or herd.

### Efficient Water Usage

By leveraging accurate data from your water monitoring system, you can optimize water distribution across barns or greenhouses. This ensures that every animal gets the right amount of water, improving performance, reducing costs, and avoiding waste.

## Available Products

### Liters

Product Number	Pipe Diameter	Minimal Flow Rate Q1 (m <sup>3</sup> /h)	Nominal Flow Rate Q3 (m <sup>3</sup> /h)
6000-0031	DN15	0.010	2.5
6000-0032	DN20	0.016	4.0
6000-0033	DN25	0.025	6.3
6000-0034	DN40	0.064	16.0

### Gallons

Product Number	Pipe Diameter	Minimal Flow Rate Q1 (gal/h)	Nominal Flow Rate Q3 (gal/h)
6000-0035	1/2"	2.64	660
6000-0036	3/4"	4.22	1057
6000-0037	1"	6.60	1664
6000-0038	1½"	16.90	4227