

ULTRASONIC WATER METER

Water Control

Product number: 102-00023 to 102-00030



MAXIMUS[®]

An Ingersoll Rand Business

Designed to offer outstanding accuracy, this device is the perfect tool for agricultural producers who want to accurately monitor their animals' water consumption.

The ultrasonic water meter surpasses the performance of conventional meters by detecting fluctuating water consumption caused by leaks or other problems in the water supply system.



Features

- Readings: liters or gallons
- Available formats: ½ in (DN15), ¾ in (DN20), 1 in (DN25) and 1½ in (DN40)
- Water resistance: IP65/IP68
- Power supply: 12 VDC
- Flexible installation: horizontally or vertically
- Adapters included

Benefits

- No moving parts
 - Prevents dirt build-up that can block the mechanism and false readings.
 - Limits long-term abrasion of mechanical parts.
- Built in durable polyphthalamide (PPA) composite material and fiber glass.

Consumption Information

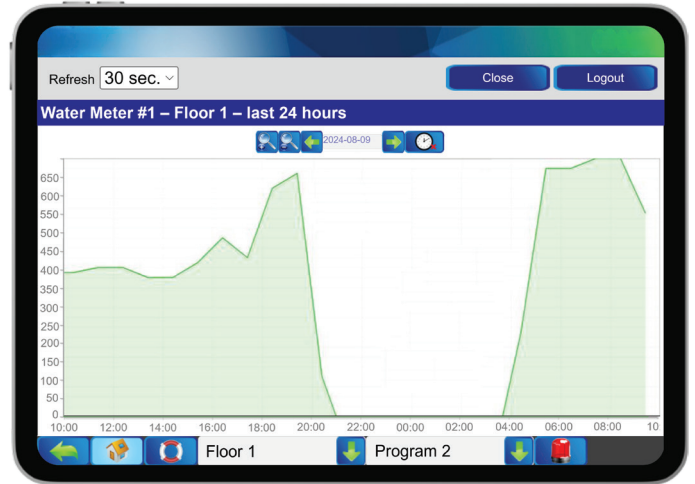
When connected to the MAXIMUS controller, the ultrasonic water meter stands out for its ability to provide detailed data that are essential to the management of your production.

Examples:

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 shows when the lights went out, while the upward slope shows when the lights came on.



Why choose the MAXIMUS ultrasonic water meter?

- **Leak Detection:** Quickly address any unusual increase in water consumption that could indicate a leak.
- **Animal Health Tracking:** Closely monitor the water consumption of your animals. Sudden changes could flag health issues, allowing for prompt action to maintain your livestock's well-being.
- **Efficient Water Use:** Analyze your data to optimize water distribution throughout your farm, ensuring each animal gets the right amount of water without any waste.

Available Products

Liters (1 pulse/liter)

| Product Code | Format | Minimum volume required for a reading |
|--------------|--------|---------------------------------------|
| 102-00023 | ½" | 16 l/hour |
| 102-00025 | ¾" | 25 l/hour |
| 102-00027 | 1" | 39 l/hour |
| 102-00029 | 1 ½" | 32 l/hour |

Gallons (1 pulse/gallon)

| Product Code | Format | Minimum volume required for a reading |
|--------------|--------|---------------------------------------|
| 102-00024 | ½" | 4.2 gal/hour |
| 102-00026 | ¾" | 6.6 gal/hour |
| 102-00028 | 1" | 10.3 gal/hour |
| 102-00030 | 1 ½" | 8.4 gal/hour |