

# You can't manage water if you don't measure and control it.

## That's why we invented the HydraMeter.<sup>®</sup>

The HydraMeter is an innovative product that combines the functions of a water meter, valve controller, and water delivery scheduler in a single package. In short, the HydraMeter is a total water management system. Using proven, industry standard AWWA lead-free water meters as foundation sensors, HydraMeters incorporate electronics that provide realtime, high resolution flow measurement even at very low flow rates. The extensive feature set makes it endlessly configurable for any water control application. HydraMeters can be networked and can directly control a master valve. An integrated display and keypad allows direct input of meter control limits and visual display of cumulative water use and real-time flow.

### CONTROL FEATURES

Motorized or DC Latching Valve Control.

#### Configurable limit alerts

- flow-time: limits how long a flow event is permitted to run.
- high flow-rate: limits the highest flow rate permitted per event.
- low flow-rate: limits the lowest flow rate permitted per event.
- flow-volume: limits volume of water delivered per event.
- output for pump control, activated by flow rate limits.
- leak rate detection independent of low flow-rate.
- leak detection down to 1 gallon per hour.

Water-window schedules: up to 4 per day.

Flow-time limits: up to 16 hours 39 minutes.

Pulsed output shares flow rate with other equipment.

Programmable alarm delay.

Network supports up to 19 HydraMeters.

### BASIC METERING FEATURES

Attaches to AWWA water meters.

LCD display to view water data.

Multiple sensor array for flow measurement.

Measures in Gallons, Cubic Feet or Liters.

Displays both flow rate and total consumption.

### OPERATING FEATURES

Keypad for direct configuration.

Control keys to operate valve.

Rechargeable LiPo Battery.

### ELECTRICAL SPECIFICATIONS

Input power: 12 VDC, 50 mA MAX

Reserve Power: 3.7v LiPo Battery

Output Valve Control:

12 VDC Latching or Motorized Ball Valve

1.5 Amp Max Impulse

### MECHANICAL SPECIFICATION

Injection molded UV resistant plastic enclosure.

Transparent cover with valve control access.

Liquid tight cord-grip connection ports.

Dimension:

4 1/4W x 3H x 5 1/2D inches

107.95W x 76.2H x 139.7D mm

12.3 Ounces

### AVAILABLE OPTIONS

*(requires additional equipment)*

Internet Connectivity via HydraConnect or HydraPod.

Ability to operate with Solar Power via HydraPod.

SCADA/third party compatible.

### WARRANTY

3 Year Limited Warranty



**HydraMeter**<sup>®</sup>  
patent pending