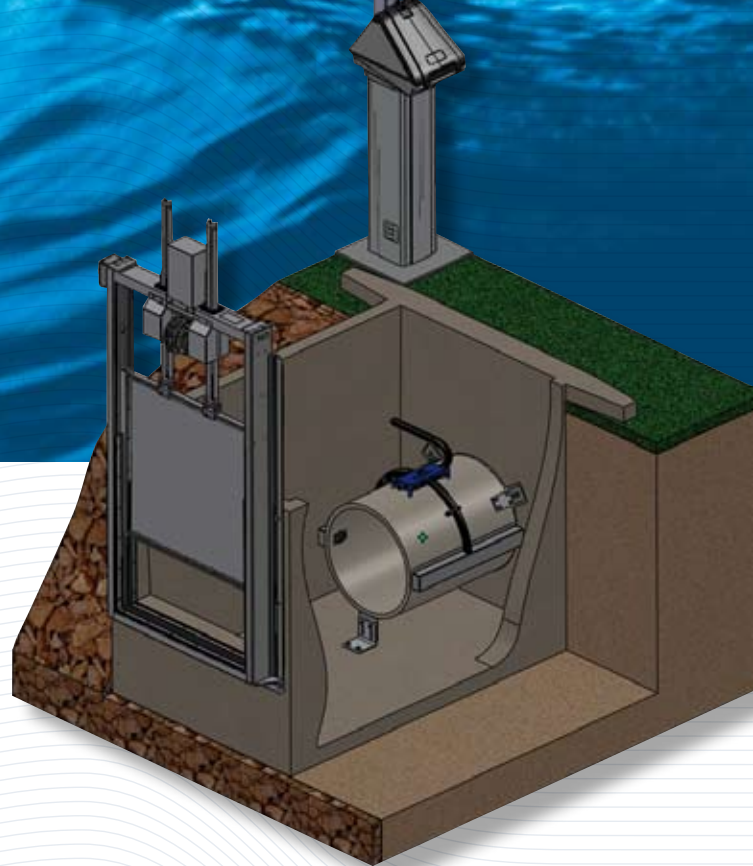


# Sonaray™ Flow Meters

## High performance flow measurement



Rubicon's range of Sonaray™ flow meters suit a diverse range of applications – including solutions for measuring pipe and open channel flows in urban water and irrigation environments.

Sonaray™ flow meters have taken standard transit time ultrasonic flow measurement to a new level with ultra high-speed acoustic signal processing technology enabling highly accurate measurement of both very low flows and high flows in one meter. Several patent applications apply to this unique technology.

All Sonaray™ flow meters are designed for ease of installation and reliable, low maintenance operation.

### Key features of the Sonaray™ range

- Accurate measurement of both high and low flows
- Low consumption solar-powered operation
- Local operation via touch-pad and LCD display
- Ready to connect to existing SCADA networks for remote operation
- Direct integration with Rubicon gate, SCADA, TCC® and FarmConnect™ solutions
- Automated self-testing with full diagnostics
- Multiple redundancy options.

### Sonaray™ Pipe Meters

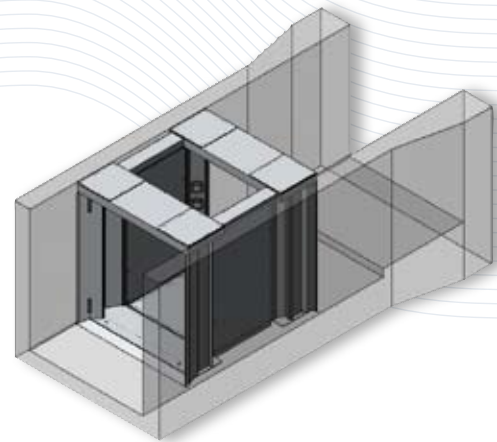
Rubicon offers a full range of pipe meters that deliver accurate measurement for full (pressure) and partially full applications.

- In-line configuration in a range of sizes from 300mm to 1000mm
- Standard pipe coupling or flange interfaces
- Clamp-on or insertion retrofit available
- Single, cross and multiple path options.

### Sonaray™ Flume Meters

Rubicon manufactures a range of flume meters that can be inserted into standard rectangular flume structures or box culverts for continuous monitoring of open channel flows.

- Low head loss characteristics suited to gravity supply systems
- Wide flow measuring range from very low to high flows
- High accuracy metering for revenue collection applications
- Retractable cartridge sensors for easy maintenance.



### Integrated Control Gate Option

The Sonaray™ flume meter can be specified with an integrated control gate – Rubicon's ValveGate™. The ValveGate™ is a new concept in flow measurement and control – with its integrated undershot gate configuration fully contained within the flume meter structure making it ideal for box culvert applications.



## RUBICON

Rubicon Systems America Inc.  
5837 Wright Drive  
Loveland, CO 80538  
Telephone +1 970 461 8698  
Facsimile +1 970 461 8656

Rubicon Systems America Inc.  
612 South J Street  
Imperial, CA 92251  
Telephone +1 970 461 8698  
Facsimile +1 970 461 8656

Rubicon Systems Australia Pty Ltd  
1 Cato Street  
Hawthorn East  
Melbourne VIC 3123 Australia  
Telephone +61 3 9832 3000  
Facsimile +61 3 9832 3030

Rubicon Systems Australia Pty Ltd  
1A Wheeler Street  
Shepparton VIC 3630 Australia  
Telephone +61 3 5820 8800  
Facsimile +61 3 5820 8888

[www.rubicon.com.au](http://www.rubicon.com.au)  
[usa@rubicon.com.au](mailto:usa@rubicon.com.au)

[www.rubicon.com.au](http://www.rubicon.com.au)  
[usa@rubicon.com.au](mailto:usa@rubicon.com.au)

[www.rubicon.com.au](http://www.rubicon.com.au)  
[enquiry@rubicon.com.au](mailto:enquiry@rubicon.com.au)

[www.rubicon.com.au](http://www.rubicon.com.au)  
[enquiry@rubicon.com.au](mailto:enquiry@rubicon.com.au)