

Small Pontoon System



Small Pontoon System

- Multi-parameter water quality monitoring system

- ❖ High Accuracy, Stability
- ❖ Patented & Design Registration Product
- ❖ Installing **Water Flow Meter, Water Velocity**
- ❖ Easy to move and install
- ❖ - Rapid change of water velocity (Strong rainfall)

Application : General, Optical, Water Flow & Velocity

Uptime : About 10 of sunless days (Depending on installed instrument)

The Small Pontoon System is a float for water quality measurement in a river with rapid change of depth.

It is high accurate and stable measurement in a river with low water level (Approx. 0.66ft).

The existing buoy is difficult to float in a river with a low water level (below 0.98ft) because the center of gravity is located in deep water.

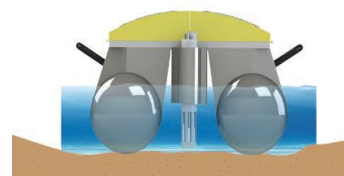
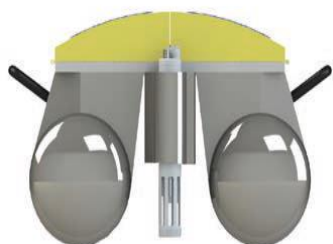
Unlike the existing heavy and complex pontoon, the Small Pontoon System is designed to be light-weighted and simple structure in order to easy to install and lift (below 176lbs).

This system is more efficient than the existing one.

It is capable of measurement in rapid change water level above 0.66 feet.

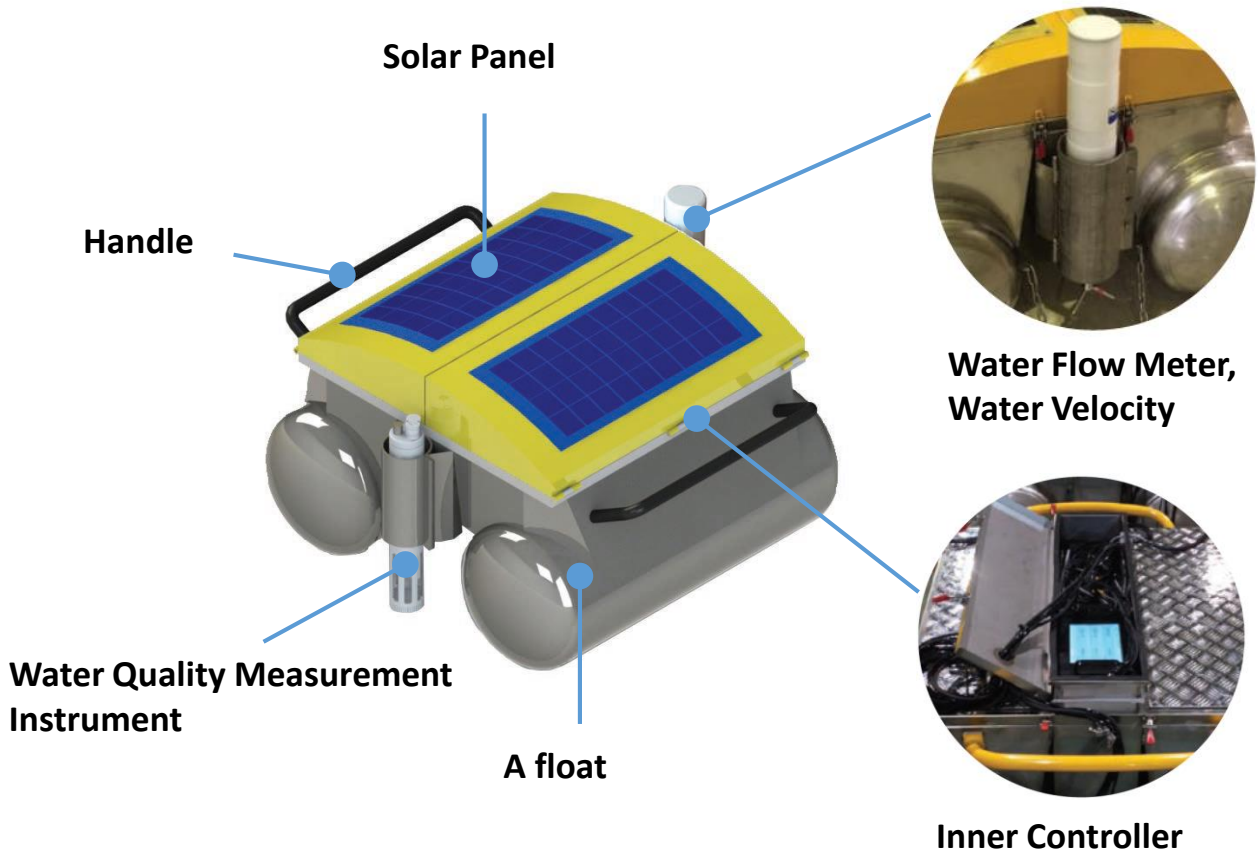
(A stream bed standard)

- Corrosion resistance Material
- Data logging and transmission in a real-time (Solar Power)
- Keep leveling for stable data



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Specification



Model	Small Pontoon System
Weight	In the air : about 198.42 lbs (Approx. 90 kg)
Dimensions	1,000(L)X1,000(W)X700(H) Changeable depending on customer's application
Material	Pontoon : STS or Aluminium
	Control Box : STS or Synthetic resins
	Buoyancy filler : Foam
A floating platform	Catamaran Type
Minimum float depth	Under 0.66 feet (20 cm)
Communication	LTE, CDMA, Bluetooth
Power Supply	Solar 40W 2EA, Storage Battery 60W 2EA