



SWALE OCEANOGRAPHIC

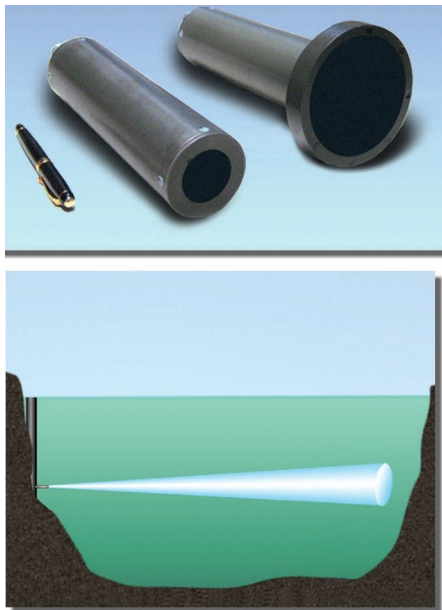
Acoustic Flow Meters

LinkQuest

FlowScout 600 & 2000

FlowScout 600 & 2000 Acoustic Flow Meters precisely measure water velocities in rivers, water channels and pipes. They can be easily installed on an irrigation channel bank, a bridge abutment, a river bank or inside a pipe. With high accuracy and highly competitive cost, the FlowScout 600 & 2000 systems are the perfect choice for long-term real-time monitoring of water flow and velocities in water channels, water pipes, rivers, ports, harbours and estuaries.

- Real-time Flow & Current Measurement
- Range up to 110 metres
- 600 kHz & 2 MHz Operating Frequency
- Robust Acoustic Doppler Technology
- Depth Rating 100 metres.
- All Components Water Sealed
- Low Power Consumption
- DSP Technology



Water Profiling Range and Depth

| Model | FlowScout 600 | FlowScout 2000 |
|------------------------------|---------------|----------------|
| Frequency | 600 kHz | 2000 kHz |
| Maximum Range | 110m | 18 m |
| Maximum Cell size | 4m | 2m |
| Standard Depth | 100m | 100m |
| Maximum Transmit | 25 watts | 6 watts |
| Blank Distance | 25 cm | 7cm |
| Transducer Assembly Diameter | 11.5 cm | 6cm |
| Housing Diameter | 6cm | 6cm |
| Overall Length | 26cm | 24cm |
| Weight In Air | 1.5 kg | 0.93 kg |
| Weight In Water | 0.3 kg | 0.2 kg |

Velocity Specification

| | | |
|------------------------|---------------------------------|-----------------|
| Accuracy | 0.5% ± 2.0 mm/s | 0.5% ± 2.0 mm/s |
| Cell size | 0.5 - 4.0 m | 0.25 - 2.0 m |
| Number of Cells | 166 | 86 |
| Maximum Ping Rate | 10 per sec | 20 per sec |
| Maximum Water Velocity | 3.75 m/s | 3.75 m/s |
| Housing: | Anodized Aluminium and Plastics | |
| Communication: | RS422 or RS232 | |

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