

MantaRay Portable Area-Velocity Flow Monitor

Model MantaRay

Approximate shipping weight: 14 lbs / 4.5 kg

STANDARD FEATURES:

- QZ02L submersible ultrasonic Level-Velocity Sensor
- sensor cable – 25 ft / 7.6 m shielded tri-coaxial
- MB-QZ sensor mounting bracket - stainless steel
- enclosure - watertight, airtight, dust proof (IP 67) polycarbonate
- display – white backlit matrix LCD
- battery – built-in rechargeable NiMH, 10,000 mAh
- power input – 100-240VAC charger, 24VDC external battery
- outputs – 4-20mA/0-5VDC, 2 programmable solid-state relays
- breakout box – connections for charger, DC power, relays and 4-20mA
- data logger – 2 million data point capacity with USB output to Flash drive
- ‘Greyline Logger’ PC software for Windows™
- 1 Manual - Installation and Operation

OPTIONS AND ACCESSORIES

| QTY | CODE | DESCRIPTION | |
|-----|-----------------------------|--|--|
| | PVXC5 | Sensor Cable Extension 50 ft / 15 m with watertight connectors | |
| | QZ02L-SS-01-PS ¹ | Spare/replacement Sensor with 25' (7.6 m) cable | |
| | MB-QZ | Extra submersible sensor Mounting Bracket, stainless steel | |
| | MRBB1 | Replacement Breakout Box | |
| | RENT | Monthly rental (* Requires purchase of QZ02L sensor) | |
| | VSJ6 | SS Pipe Mounting Band for 6"/150 mm ID pipes (fits ±0.5"/13 mm) | |
| | VSJ8 | SS Pipe Mounting Band for 8"/200 mm ID pipes (fits ±0.5"/13 mm) | |
| | VSJ10 | SS Pipe Mounting Band for 10"/250 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VSJ12 | SS Pipe Mounting Band for 12"/300 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VSJ14 | SS Pipe Mounting Band for 14"/350 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VSJ15 | SS Pipe Mounting Band for 15"/375 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VSJ16 | SS Pipe Mounting Band for 16"/400 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VSJ18 | SS Pipe Mounting Band for 18"/450 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VSJ20 | SS Pipe Mounting Band for 20"/500 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VSJ24 | SS Pipe Mounting Band for 24"/600 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VSJ30 | SS Pipe Mounting Band for 30"/750 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VSJ32-40 | SS Half-Pipe Mounting Band for 32-40"/800-1000 mm ID pipes | |
| | VSJ42-54 | SS Half-Pipe Mounting Band for 42-54"/1100-1375 mm ID pipes | |
| | VSJ56-72 | SS Half-Pipe Mounting Band for 56-72"/1400-1800 mm ID pipes | |
| | VD6 | SS Pipe Dam Band for 6"/150 mm ID pipes (fits ±0.5"/13 mm) | |
| | VD8 | SS Pipe Dam Band for 8"/200 mm ID pipes (fits ±0.5"/13 mm) | |
| | VD10 | SS Pipe Dam Band for 10"/250 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VD12 | SS Pipe Dam Band for 12"/300 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VD14 | SS Pipe Dam Band for 14"/350 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VD15 | SS Pipe Dam Band for 15"/375 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VD16 | SS Pipe Dam Band for 16"/400 mm ID pipes (adjustable ±0.5"/13 mm) | |
| | VD18 | SS Pipe Dam Band for 18"/450 mm ID pipes (adjustable ±0.5"/13 mm) | |

¹ Includes MB-QZ Mounting Bracket