

High-Frequency ADCP Buoys



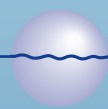
ADCPs manufactured by Teledyne RD Instruments are the tools of choice for the measurement of currents in both deepwater and coastal environments. While success begins with a great family of instruments, deployment products are a critical link in optimizing data return.

Flotation Technologies understands the value of data recovery as well as ADCP technology, oceanographic operations and what it takes to supply products that ensure success.

Manufactured from high-performance Flotec™ syntactic foam and 316L stainless steel and titanium hardware, Flotation Technologies' ADCP Buoys are designed to outperform and outlast conventional mooring flotation. Available with depth ratings from 200 to 6000m, they require minimal maintenance and are extremely durable under the most rigorous deepwater conditions.

Designed by an experienced engineering staff that fully understands the effects of mooring excursions on data quality, galvanic corrosion and biofouling, these buoys are performance-proven and have a long track record of successful deployment and recovery.

Flotation Technologies' High-Frequency ADCP Buoys outperform and outlast conventional mooring flotation. They are designed to accommodate Teledyne RD Instruments 300, 600, 1200, kHz ADCPs.



FLOTATION TECHNOLOGIES

A company with depth

Flotation Technologies, Inc. is a world leader in the engineering, design and manufacture of deepwater buoyancy systems using high-strength Flotec™ syntactic foam and polyurethane elastomers.



US Headquarters:
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www.flotec.com

High-Frequency ADCP Buoy Specifications

BH24 Series

Diameter

24" (609.6mm)

Standard Depths

200m, 500m, 1000m (other depths available)

Buoyancy/Weight

	Buoyancy		Weight	
	Lb	Kg	Lb	Kg
200m	98	44	125	57
500m	98	44	125	57
1000m	81	37	142	64

Standard Doppler Configurations*

Single Monitor or Sentinel 300, 600, or 1200 kHz

Coating

High impact, abrasion resistant polyurethane elastomer .125" (3.175mm thick), orange

Integral Mooring & Handling Frame

316L stainless steel

*Custom modem configurations available

BH32 Series

Diameter

32" (812.8mm)

Standard Depths

200m, 500m, 1000m (other depths available)

Buoyancy/Weight

	Buoyancy		Weight	
	Lb	Kg	Lb	Kg
200m	290	13	297	135
500m	290	132	297	135
1000m	244	111	344	156

Standard Doppler Configurations*

- Single Monitor or Sentinel 300, 600, or 1200kHz
- Dual Monitor or Sentinel 300, 600, or 1200 kHz (with custom extended frame)
- Single Monitor or Sentinel 300, 600, or 1200 kHz with battery pack with custom extended frame

Coating

High impact, abrasion resistant polyurethane elastomer .125 (3.175mm thick), orange

Integral Mooring & Handling Frame

316L stainless steel

*Custom modem configurations available

BH37 Series

Diameter

37" (939.8mm)

Standard Depths

200m, 500m, 1000m (other depths available)

Buoyancy/Weight

	Buoyancy		Weight	
	Lb	Kg	Lb	Kg
200m	476	216	454	206
500m	476	216	454	206
1000m	402	182	528	239

Standard Doppler Configurations*

- Single Monitor or Sentinel 300, 600, or 1200 kHz
- Dual Monitor or Sentinel 300, 600, or 1200 kHz (with custom extended frame)
- Single Monitor or Sentinel 300, 600, or 1200 kHz with battery pack with custom extended frame

Coating

High impact, abrasion resistant polyurethane elastomer .125 (3.175mm thick), orange

Integral Mooring & Handling Frame

316L stainless steel

*Custom modem configurations available



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