

## Mid-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.

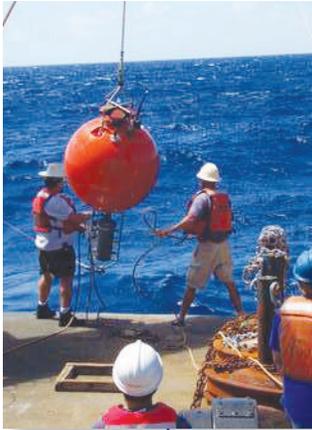


Designed by an experienced engineering staff that fully understands the effects of mooring excursions on data quality, galvanic corrosion and biofouling, these buoys are performance-proven and have a long track record of successful deployment and recovery.

Flotation Technologies' Mid-Frequency ADCP Buoys outperform and outlast conventional mooring flotation. They are designed to accommodate Teledyne RD Instruments 75 and 150 kHz ADCPs.



*A company with depth*



# Mid-Frequency ADCP Buoy Specifications

## MF40 Series

### Diameter

40" (1016mm)

### Standard Depths

1500m and 3000m (other depths available)

	Buoyancy		Weight	
	Lb	Kg	Lb	Kg
1500m	456	207	691	313
3000m	384	174	763	346

### Standard Doppler Configurations\*

Single 75 or 150 kHz

### Coating

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

### Integral Mooring & Handling Frame

316L stainless steel

\*Custom modem configurations available

## MF45 Series

### Diameter

45" (1143mm)

### Standard Depths

1500m and 3000m (other depths available)

	Buoyancy		Weight	
	Lb	Kg	Lb	Kg
1500m	696	316	968	439
3000m	591	268	1072	486

### Standard Doppler Configurations\*

Single 75 or 150 kHz

### Coating

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

### Integral Mooring & Handling Frame

316L stainless steel

\*Custom modem configurations available

## MF49 Series

### Diameter

49" (1244.6mm)

### Standard Depths

1500m and 3000m (other depths available)

	Buoyancy		Weight	
	Lb	Kg	Lb	Kg
1500m	933	423	1240	562
3000m	795	361	1377	625

### Standard Doppler Configurations\*

Single 75 or 150 kHz  
Single 75 or 150 kHz with 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



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