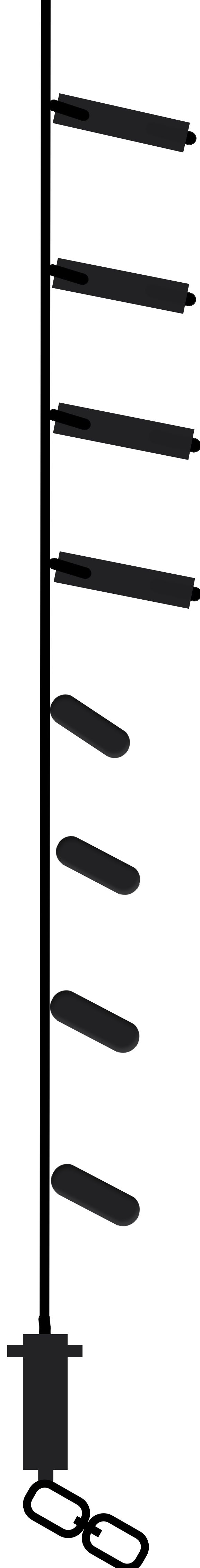


CMAR COASTAL MONITORING PROGRAM REFERENCE SHEET

WATER QUALITY SENSOR DETAILS



Sensor Type (Click the hyperlink to access sensor spec sheet)	Manufacturer	Variables Measured	Operational Range	Battery Lifespan	Storage Capacity	Approximate Cost
aquaMeasure CHLA	Innovasea	Temperature, Chlorophyll-a, Tilt	Temperature: -2 to 35°C ChL A Blue: 0 to 100 µg/l ChL A Red: 0 to 500 µg/l	4-6 months	64 MB flash memory (1,000,000+ Records)	\$4,850
aquaMeasure DOT	Innovasea	Temperature, Dissolved Oxygen, Tilt, Depth (s/n starting in 675 only)	Temperature: -5 to 35°C Dissolved Oxygen: 0 to 150%	6-12 months	64 MB flash memory (1,000,000+ Records)	\$2,320
aquaMeasure SAL	Innovasea	Temperature, Salinity, Tilt	Temperature: -5 to 35°C Salinity: 0 to 40 PSU	6-12 months	64 MB flash memory (1,000,000+ Records)	\$2,580
aquaMeasure TURB	Innovasea	Temperature, Turbidity, Tilt	Temperature: -2 to 35°C Turbidity: 0 to 200 NTU	4-6 months	64 MB flash memory (1,000,000+ Records)	\$3,760
Hobo DO U26-001	Onset	Temperature, Dissolved Oxygen	Temperature: -5 to 40°C Dissolved Oxygen: 0 to 30 mg/L	3 years	64 KB total memory (43,400 records)	\$1,869
Hobo Temp U22-001	Onset	Temperature	Temperature: -40 to 70°C	6 years	64 KB total memory (42,000 records)	\$189
Hobo U20-001-02 Fresh Water Level Logger	Onset	Temperature, Water Level	Temperature: -20 to 50°C Water Level: 0 to 30m	5 years	64 KB total memory (43,400 records)	\$853
Hobo U20-001-02-Ti Salt Water Level Logger	Onset	Temperature, Water Level	Temperature: -20 to 50°C Water Level: 0 to 30m	5 years	64 KB total memory (43,400 records)	\$853
Vemco VR2AR	Innovasea	Temperature, Sensor Depth, Acoustic Detections, Tilt	Temperature: -5 to 40°C Acoustic Range: 800-1200m?	14 months	32 MB non-volatile flash memory (~3,000,000 records)	\$10,000
Vemco VR2AR-X	Innovasea	Temperature, Sensor Depth, Acoustic Detections, Tilt	Temperature: -5 to 40°C Acoustic Range: 800-1200m?	26 months	32 MB non-volatile flash memory (~3,000,000 records)	\$10,000