

SVP DRIFTER

DRIFTERS THAT TRACK CURRENTS WITH A DROGUE
AT 15 METERS DEPTH

ALTERNATE DEPTHS AND ADDITIONAL OCEAN MET SENSORS ARE AVAILABLE

STANDARD FEATURES:

- ▶ 14" (35cm) SPHERICAL SURFACE FLOAT
- ▶ SATELLITE TELEMETRY
- ▶ GPS POSITIONING
- ▶ 6 METER HOLEY SOCK DROGUE CENTERED AT 15 METERS DEPTH
- ▶ DROGUE (ON/OFF) SENSOR
- ▶ BATTERY VOLTAGE SENSOR
- ▶ DATA ARCHIVAL, MAPPING, WEB ACCESS

APPLICATIONS:

- ▶ CIRCULATION STUDIES
- ▶ METEOROLOGY
- ▶ DISPERSION STUDIES
- ▶ LARVAL TRANSPORT

AVAILABLE OPTIONS:

ADDITIONAL SENSORS MAY REQUIRE
LARGER SURFACE FLOATS
16" (41cm) AND 18" (46cm)

- ▶ DATA TELEMETRY:
ARGOS, IRIDIUM, GLOBALSTAR
- ▶ SEA SURFACE TEMPERATURE
- ▶ DEPLOYMENT STATUS
- ▶ AIR PRESSURE
- ▶ WIND VELOCITY
- ▶ SALINITY
- ▶ ADDITIONAL DROGUE SECTIONS
FOR NON-STANDARD DEPTHS



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SVP DRIFTER SPECIFICATIONS

GENERAL

TELEMETRY OPTIONS	IRIDIUM SBD W/ IRIDIUM 9602 MODEM ARGOS 2 W/ KENWOOD PMT ARGOS 3 W/ KENWOOD PMT GLOBALSTAR SIMPLEX W/ GLOBALSTAR STX-3
STANDARD STATUS SENSORS	BATTERY VOLTAGE GPS QUALITY DROGUE (ON/OFF) SENSOR
STANDARD BATTERY PACK	12V, 56AH, ALKALINE
OPTIONAL STATUS SENSORS	INTERNAL SURFACE SPHERE TEMPERATURE DEPLOYMENT STATUS (FLOAT IN/OUT OF WATER)
OPTIONAL ENVIRONMENTAL SENSORS	SEA SURFACE TEMPERATURE (SST) HIGH ACCURACY SST AIR PRESSURE WIND VELOCITY CONDUCTIVITY/TEMP (SALINITY)
BUOY LIFETIMES	1-2 YEARS WITH STANDARD BATTERY PACK DEPENDING ON SAMPLING AND TRANSMISSION RATE

SURFACE FLOAT

DIAMETER	14IN. (35 CM)
MATERIAL	ABS PLASTIC
COLOR	WHITE
ANTI-FOULING PAINT AVAILABLE	YES (CHANGES LOWER HEMISPHERE COLOR TO BLUE)
PROTECTED SST PROBE	YES
SST PROBE DEPTH	3.5IN. (9CM)
POWER SWITCH	MAGNET

DROGUE

TYPE	HOLEY SOCK
DEPTH AT CENTER OF DROGUE	15M (ALTERNATE DEPTHS AVAILABLE)
DIAMETER/SECTION LENGTH	24IN. (61CM) / 48IN. (122CM)
SECTIONS FOR 15 METER DEPTH DROGUE	5 (TOTAL LENGTH 20FT)
DRAG AREA RATIO	GREATER THAN 40
TETHER	1/8IN. IMPREGNATED STEEL WIRE ROPE (OPTIONAL) 3/16IN. SYNTHETIC ROPE

PACKAGING

DEPLOYMENT	WEIGHT 45LBS (20.4KG) INDIVIDUAL DEPLOYMENT PACKAGING INCLUDES: DEPLOYMENT INSTRUCTIONS AND LOG "WARNING DO NOT REMOVE" DROGUE LABELS CARRYING HANDLE
HIGH QUANTITY PALLET SHIPPING	815LBS (370KG) 41IN. (104CM)L X 49IN. (124CM)W X 90IN. (229CM)H 14 DRIFTERS PER PALLET

ENVIRONMENTAL SENSOR DETAILS

SST	PACIFIC GYRE PROBE, ACCURACY 0.1°C, RANGE -5-40°C
HIGH ACCURACY SST	PACIFIC GYRE PROBE, ACCURACY 0.05°C, RANGE -5-40°C
AIR PRESSURE	HONEYWELL IPT, ACCURACY 1MB, RANGE 800-1100 MB
WIND VELOCITY	GILL WINDSONIC, ACCURACY 2% @ 12M/S, 0-60M/S
CONDUCTIVITY/TEMP (SALINITY)	SBE MICROCAT TEMP: ACCURACY 0.002°C, RANGE -5-35°C COND: ACCURACY 0.0003S/M, RANGE 0-7S/M



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