

SVP DRIFTER

SVP DRIFTERS TRACK CURRENTS AT DEPTHS OF 2 TO 50 METERS, AND ARE EQUIPPED TO ACCOMMODATE A RANGE OF ADDITIONAL SENSORS.

FEATURES:

- ▶ SPHERICAL SURFACE FLOAT
- ▶ MULTIPLE TELEMETRY OPTIONS
- ▶ DATA ARCHIVAL, MAPPING, WEB ACCESS
- ▶ COLLAPSIBLE FABRIC HOLEY SOCK DROGUE

APPLICATIONS:

- ▶ CIRCULATION STUDIES
- ▶ METEOROLOGY
- ▶ DISPERSION STUDIES
- ▶ LARVAL TRACKING
- ▶ OCEAN ATMOSPHERIC INTERACTION

STANDARD ELECTRONICS/SENSORS:

- ▶ DATA TELEMETRY
- ▶ ARGOS, IRIDIUM OR GLOBALSTAR
- ▶ SEA SURFACE TEMPERATURE
- ▶ DROGUE-ON OR DEPLOYED
- ▶ BATTERY VOLTAGE
- ▶ AIR PRESSURE (OPTIONAL)
- ▶ WIND SPEED (OPTIONAL)
- ▶ WIND DIRECTION (OPTIONAL)
- ▶ SALINITY (OPTIONAL)



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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-2
STATUS SENSORS	BATTERY VOLTAGE STRAIN GAUGE DROGUE-ON INDICATOR
OPTIONAL STATUS SENSORS	INTERNAL SURFACE SPHERE TEMPERATURE DROGUE-ON OR DRIFTER-DEPLOYED INDICATOR
OPTIONAL ENVIRONMENTAL SENSORS	HIGH RESOLUTION SEA SURFACE TEMPERATURE SEA SURFACE TEMPERATURE AIR PRESSURE WIND VELOCITY CONDUCTIVITY/TEMPERATURE (CT)

SURFACE FLOAT

DIAMETER	14" (36 CM)
MATERIAL	ABS PLASTIC
COLOR	WHITE
ANTI-FOULING PAINT ON LOWER HEMISPHERE	YES
PROTECTED SEA SURFACE TEMPERATURE PROBE	YES
SEA SURFACE TEMPERATURE DEPTH	4" (10 CM)

TETHER

TYPE	1/8" SPACE-LAY IMPREGNATED STEEL WIRE ROPE (OPTIONAL) 3/16" AMSTEEL BLUE SYNTHETIC ROPE
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DROGUE

TYPE	HOLEY SOCK
DEPTH	15 METERS
DIAMETER	24" (61 CM)

GENERAL

SECTION LENGTH	36" (91 CM)
NUMBER OF SECTIONS	5
DRAG AREA RATIO	GREATER THAN 40

PACKAGING

DEPLOYMENT	INDIVIDUAL DEPLOYMENT PACKAGE INCLUDES: DEPLOYMENT INSTRUCTIONS AND LOG "WARNING DO NOT REMOVE" DROGUE TAPE LABELS CARRYING HANDLE
HIGH QUANTITY PALLET SHIPPING	41"(104 CM)L X 49"(124 CM)W X 90"(229 CM)H 14 DRIFTERS PER PALLET

ENVIRONMENTAL SENSOR DETAILS

SEA SURFACE TEMPERATURE	SENSOR TYPE: PACIFIC GYRE THERMISTOR PROBE ACCURACY: 0.1°C RANGE: -5 TO 40°C
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