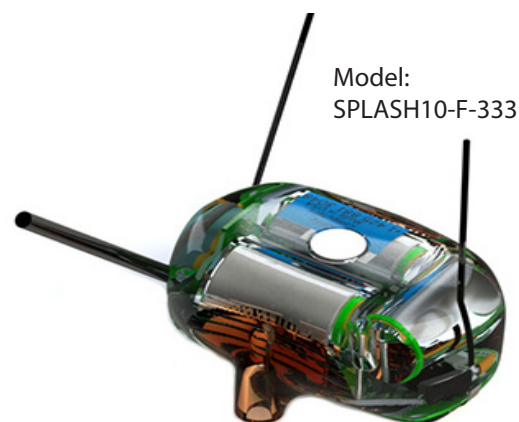




LIMPET SUITE PRODUCT SHEET

Low Impact Minimally Percutaneous Electronic Transmitter (LIMPET) tags are widely used for cetacean tracking. LIMPETS were originally designed in 2006 for tracking killer whales. Since then, LIMPETS have tracked more than 20 species of whales and dolphins.

Users deploy LIMPETS remotely with a pneumatic rifle or crossbow anchoring two small titanium darts into the thin outer layer of blubber. The electronics remain external and, when the animal surfaces to breathe, the tag transmits data to the satellites. Typical deployment durations range from weeks to several months.



Wildlife Computers offers three separate LIMPET feature options: SPOT, SPLASH10, and SPLASH10-F.

Tag Type	SPOT-240	SPLASH10-292	SPLASH10-F-333
Package Details	Horizontal Movement Location only satellite tag	Behavior and Horizontal Movement Data archiving satellite transmitting tag	Behavior and Highly Accurate Horizontal Movement All the features of the SPLASH10 plus Fastloc® GPS locations
Key Features and Data Options	<ul style="list-style-type: none"> Argos Doppler Locations (accurate to 250 m) Percent-Dry Timelines Time-at-Temperature Histograms 	<ul style="list-style-type: none"> Argos Doppler Locations (accurate to 250 m) Depth & Temperature Time-Series Histogram and Dive Behavior Summary Messages Temperature Profiles Available with a standard or extended range depth sensor 	<ul style="list-style-type: none"> Fastloc GPS Locations (accurate to 20 m) Argos Doppler Locations (accurate to 250 m) Depth & Temperature Time-Series Histogram and Dive Behavior Summary Messages Temperature Profiles Available with a standard or extended range depth sensor
Life Dimensions Weight	160 days 54 x 46 x 20 mm 49 g	80 days 58 x 47 x 25 mm 63 g	90 days 56 x 50 x 27 mm 69 g

LIMPET Suite – continued

LIMPET Accessories

Titanium Tag Darts

Wildlife Computers offers two dart sizes—standard and short. The standard dart contains two rows of three petals (six petals total) and is 68 mm long. The short dart contains a single row of three petals (three petals total) and is 45 mm long. Dart design is critical for tag reliability as the design dictates the implantation shock forces. For this reason, Wildlife Computers only warrants dart tags prior to implantation unless deployed with Wildlife Computer darts. *Both sizes are US \$150 each and we require two darts per tag.*

Dart Sterilization Packages

If you plan to use a gas sterilization system, these housings can be very helpful. The packaging consists of a tube and 2 urethane end-caps. When holding the “dart-tip” end-cap, the back end-cap and tubing can be removed. This allows you to easily screw the dart directly onto the tag without handling.

Dan-Inject Air Gun

Wildlife Computers supports the Dan-Inject CO₂ rifle for use with our LIMPET dart tags. Our clients have successfully used model JM Special 25 with a 13 mm barrel. Further information on this rifle can be found at: daninjectdartguns.com/product/jm-special-25/

Deployment Arrows

Both air gun and crossbow arrows are available. Arrows are US \$75 and include a float and a deployment cup bonded in position.

Deployment Cups

Should you choose not to purchase the Wildlife Computers deployment arrows, deployment cups are available à la carte. Deployment cups are urethane cups designed to support the tag during firing. We have cups suitable for both crossbow shafts and air gun shafts. The cost is US \$25 and we recommend at least one cup per 3 tags be purchased.

Accessories	Details	Dimensions
Titanium Dart Anchors	3-petal	45 mm L x 22 mm W x 4 g
	6-petal	68 mm L x 24 mm W x 6 g
Deployment Cup	SPOT-240	35 L x 50 W x 42 H (mm)
	SPLASH10-292	52 L x 52 W x 40 H (mm)
	SPLASH10-F-333	51 L x 43 W x 39 H (mm)
Air Gun Arrow	For use with 13mm bore Dan-Inject CO ₂ rifle	35in L

Contact Us

If you need additional help, feel free to contact us by calling +1 (425) 881-3048 or emailing tags@wildlifecomputers.com.