

# AS-900A



2025-05 v1

**NOVATECH™** has been trusted worldwide for over 40 years.

The AS-900A ARGOS Beacon contains an ARGOS system transmitter designed as a ruggedized incident alerting system for oceanographic applications anywhere in the world.

AS-900A, designed for long duration deployments, is suitable for operation at depths of 7,300m (24,000 ft). The AS-900A is activated by a pressure switch which enables the unit to automatically power OFF below 10 m and activate upon surfacing.

At the surface the beacon transmits an ARGOS position data message for 30 days.

- Argos telemetry
- May be submerged for long periods in the ocean
- Submersible to 7,300 m
- Automatic activation: OFF when submerged below 10 m, and ON at the surface
- At the surface, it transmits up to 30 days



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# AS-900A TECHNICAL SPECIFICATIONS

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PHYSICAL	
Diameter	43 mm (1.7")
Height	470 mm (18.5") excluding antenna
Mass in air	1.7 kg (3.8 lb)
Mass in water	1.02 kg (2.2 lb)
CONSTRUCTION	
Hull Material	Hard anodized aluminum
Antenna Cap Material	Brass core with molded neoprene rubber on exterior surface
POWER	
Batteries	4 "C" cell alkaline
Battery Life	30 days
On/Off Control	Pressure-activated switch turns beacon on at surface and off at depths below approx. 10 m (33')
OPERATIONAL	
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Ocean Depth Rating	Approx. 12,000 m (39,000 ft)
TRANSMITTER	
Output	1 watt
Harmonics	-40 db minimum
Frequency	ARGOS-II band (S1-S23, L1-L3), 401.6300-401.6800 MHz
Antenna	Field replaceable 1/4 wave whip, zinc anode protected (AN-904), flexible ARGOS antenna (AN-904)

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