

ST-400A



2025-04 v1

NOVATECH™ has been trusted worldwide for over 40 years.

The NOVATECH ST-400A is a self-contained, submersible xenon flasher engineered to aid in the location and recovery of underwater oceanographic equipment. Capable of withstanding prolonged submersion at depths of up to 7,300 meters (24,000 feet), it automatically activates upon surfacing, emitting a distinctive „double burst“ flash pattern visible up to four nautical miles. This automatic activation ensures reliable performance in challenging marine environments, making it an essential tool for deep-sea recovery operations.

Designed for durability and ease of use, the ST-400A features adjustable flash rate and intensity settings, allowing customization to suit specific operational requirements. Its robust construction and long-lasting battery life provide approximately seven days of continuous flashing at the surface, ensuring visibility and aiding in the efficient retrieval of valuable equipment. The ST-400A's dependable performance and user-friendly design make it a trusted choice for marine professionals worldwide.

- Submersible to depths of 7,300 meters (24,000 feet)
- Automatic activation: OFF when submerged, ON at the surface
- “Double burst” flash pattern for enhanced visibility
- Visible range of up to four nautical miles
- Adjustable flash rate and intensity settings
- Approximately seven days of continuous operation at the surface



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ST-400A TECHNICAL SPECIFICATIONS

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PHYSICAL	
Diameter	43 mm (21.7")
Height	470 mm (18.5")
Mass in air	1.7 kg (3.7 lb)
Mass in water	1.0kg (2.2 lb)
CONSTRUCTION	
Hull Material	Hard anodized aluminium
POWER	
Batteries	4"C" cell alkaline
Battery Life (at 4°C)	7 days, on at night & off during day (factory setting)
On/Off Control	Pressure-activated switch turns flasher on at surface, off at depths below approx.33' (10m), daylight sensor
OPERATIONAL	
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Ocean Depth Rating	Approx. 7,300 m (24,000 ft)
LIGHT	
Type	Xenon
Visible Range	Adjustable 2.5 to 4 nautical mile range
Flash Tube	Replaceable
Flash Rate	Adjustable 14/min to 60/min
Effective Intensity	Adjustable 13 to 35 candelas
OPTIONS	
Available in amber lens (ST-400A-AMB)	

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