

Teledyne Bolt

Worldwide Leader in Seismic Sources

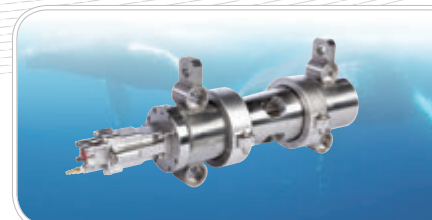
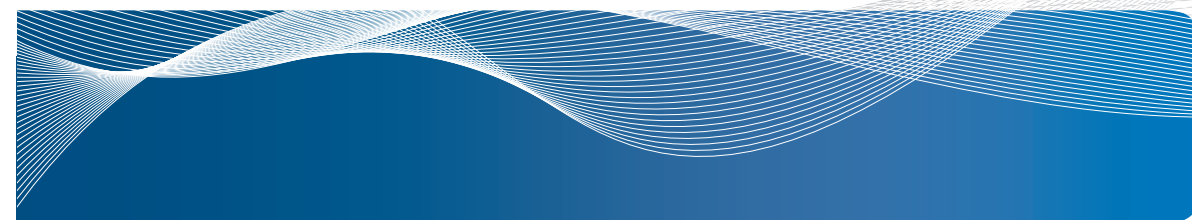
 eSource
Environmentally Sound



Teledyne Bolt
4 Duke Place, Norwalk, CT USA
Tel. +1-203-853-0700 • Fax +1-203-854-9601 • E-mail: bolt.sales@teledyne.com
www.bolt-technology.com

Specifications subject to change without notice.
© 2015 Teledyne Bolt. All rights reserved.

A Teledyne Marine Company



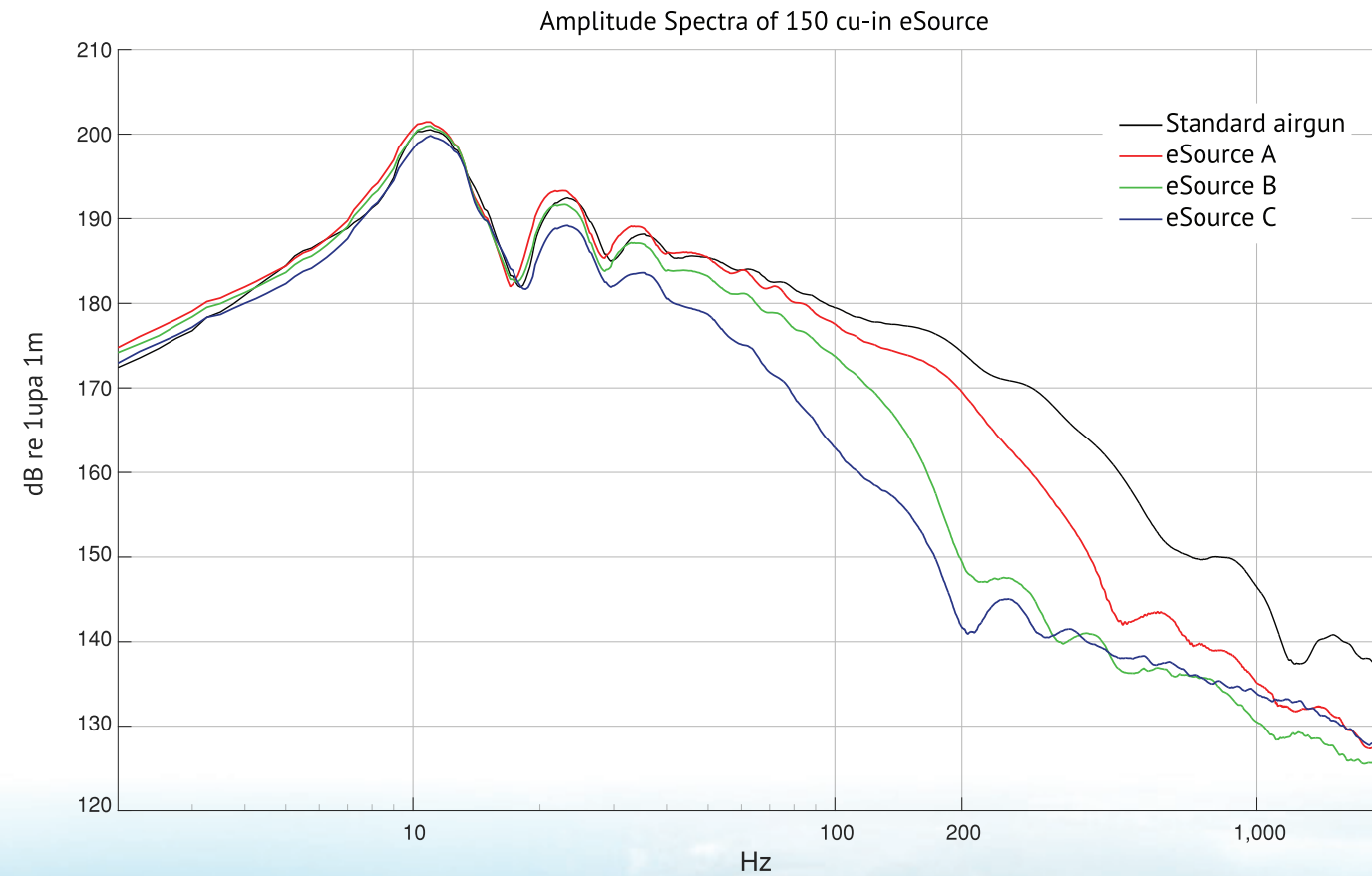
eSource™

BOLT has developed energy sources for the seismic industry for over fifty years. By combining this experience with sophisticated fluid modeling techniques, BOLT has designed **eSource**, the first bandwidth controlled seismic source with the primary focus on the environment.

eSource limits the unwanted energy at the source thereby minimizing the noise pollution in the range used by marine life.

Frequency spectrum

eSource optimizes its output, limiting the high-frequency energy that is believed to be more disturbing to marine life while retaining the low-frequency output that is crucial to seismic exploration.



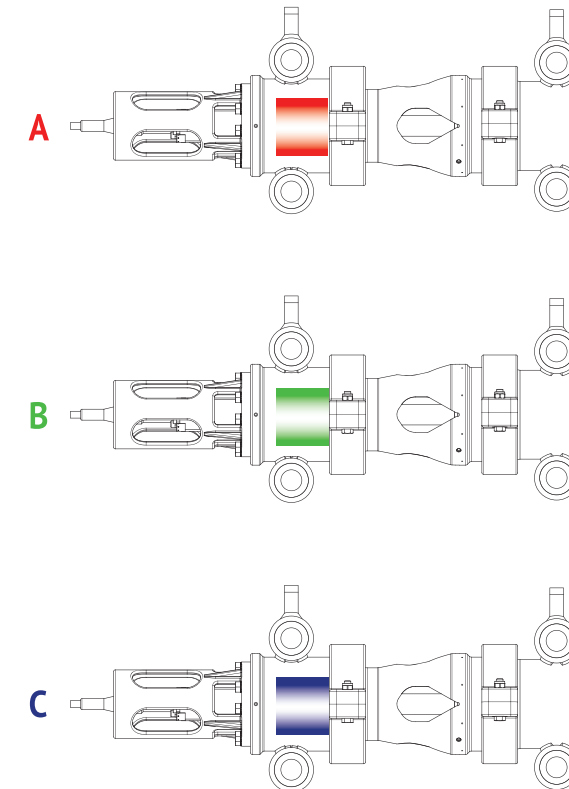
Configurable

Designed for adaptability, **eSource** can be configured to three different levels, depending on the regulatory sensitivity and geological requirements of a survey.

This is achieved through use of specific top-housing liners which can be installed within minutes.

Reliable

Built on proven reliability of BOLT Long Life™ seismic sources, **eSource** has undergone extensive testing to ensure reliable performance.



Consistent

eSource has been engineered to output consistent acoustic spectra each time for all three configurations.



Light and Compatible

Design efficiencies have led to the optimization of some of the **eSource** components, resulting in a lighter product.

eSource is fully compatible with existing infrastructure onboard the seismic vessels. This includes existing BOLT fire chambers, cluster assemblies and subarray interfaces. **eSource** is also compatible with all existing source controllers.