3200 SUB-BOTTOM PROFILING SYSTEM

FEATURES
• Choice of 3 towfish depending on the application
• Low frequency for greater penetration
• Pole mount option for shallow water surveys

APPLICATIONS
• Geological Surveys
• Geohazard Surveys
• Sediment Classification
• EEZ Resource Development
• Buried Object Location
• Bridge/Shoreline Scour Surveys
• Mining/Dredging Surveys

The EdgeTech 3200 Sub-bottom Profiling System is a wideband Frequency Modulated (FM) sub-bottom profiler utilizing EdgeTech’s proprietary Full Spectrum CHIRP technology. The 3200 generates high resolution images of the sub-bottom stratigraphy in oceans, lakes, and rivers and provides penetration of up to 200m.

The 3200 comes available with a choice of three stable, low drag towfish that operate at different frequencies and can be used at depths of up to 300m. The selection of towfish depends on the sub-bottom characteristics as well as the resolution and penetration requirements.

Along with a towfish, a standard 3200 systems comes with a topside processor running EdgeTech’s DISCOVER sub-bottom acquisition & processing software as well as a customer-specified length of tow cable. An optional 4 kW amplifier can be integrated into the 3200 topside to allow for operation in deeper waters or to provide greater penetration. Additional optional sensors are also available.

For more information please visit EdgeTech.com

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## KEY SPECIFICATIONS

<table>
<thead>
<tr>
<th>TOWFISH</th>
<th>SB-0512i</th>
<th>SB-216S</th>
<th>SB-424</th>
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</thead>
<tbody>
<tr>
<td>Frequency Range</td>
<td>500 Hz–12 kHz</td>
<td>2-16 kHz</td>
<td>4-24 kHz</td>
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<tr>
<td>Vertical Resolution (depends on pulse selected)</td>
<td>8–20 cm</td>
<td>6-10 cm</td>
<td>4-8 cm</td>
</tr>
<tr>
<td>Penetration (typical) In coarse calcareous sand</td>
<td>20 meters</td>
<td>6 meters</td>
<td>2 meters</td>
</tr>
<tr>
<td></td>
<td>200 meters</td>
<td>80 meters</td>
<td>40 meters</td>
</tr>
<tr>
<td>Size</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>160 cm</td>
<td>105 cm</td>
<td>77 cm</td>
</tr>
<tr>
<td>Width</td>
<td>124 cm</td>
<td>67 cm</td>
<td>50 cm</td>
</tr>
<tr>
<td>Height</td>
<td>47 cm</td>
<td>40 cm</td>
<td>34 cm</td>
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<tr>
<td>Weight</td>
<td>190 kg</td>
<td>76 kg</td>
<td>45 kg</td>
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<tr>
<td>Maximum Operating Depth</td>
<td>300 meters</td>
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### TOPSIDE PROCESSOR

- Hardware: Standard 19 inch rack mount
- Operating System: Windows XP
- Display: High resolution 22 inch flat panel display
- Archive: Hard drive and/or DVD-R/W
- File Format: Native JSF or SEG-Y
- I/O: Ethernet
- Power Input: 120/220 VAC

### SYSTEM OPTIONS

- Integrated depth sensor, 4 kW amplifier, USBL acoustic tracking system