

3200

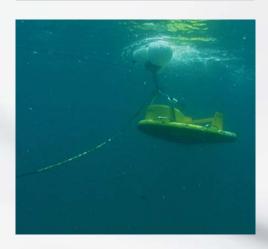
SUB-BOTTOM PROFILING SYSTEM

III 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 system comes with a topside processor running EdgeTech's DISCOVER sub-bottom acquisition & processing software as well as a customer-specified length of tow cable. Additional optional sensors are also available.



3200 SUB-BOTTOM PROFILING SYSTEM

KEY SPECIFICATIONS

TOWFISH		SB-0512i		SB-216S		SB-424	
Frequency Range	E	500 Hz-12 kHz		2-16 kHz		4-24 kHz	
Vertical Resolution (depends on pulse selected)		8–20 cm		6-10 cm		4-8 cm	
Penetration (typical)							
In coarse calcareous sand		20 meters		6 meters		2 meters	
In clay		200 meters		80 meters		40 meters	
Size							
Length		160 cm		105 cm		77 cm	
Width		124 cm		67 cm		50 cm	
Height		47 cm		40 cm		34 cm	
Weight		190 kg		76 kg		45 kg	
Maximum Operating Depth		300 meters					
TOPSIDE PROCESSOR							
Hardware	E	Standard 19 inch rack mount with portable aluminum enclosure for transport					
Operating System		Windows XP					
Display		High resolution 21 inch flat panel display					
Archive		Hard drive and/or DVD-R/W					

SYSTEM OPTIONS

File Format

Power Input

Output

Integrated depth sensor, USBL acoustic tracking system

Native JSF or SEG-Y

Ethernet

120/220 VAC







II SB-0512i II SB-216S III SB-424

For more information please visit EdgeTech.com