Importadora Gyb Limitada
Padre orellana 1476
Santiago CL13101 Chile



Fuente sismica de Pike

Código: GD-PIKSEISOU

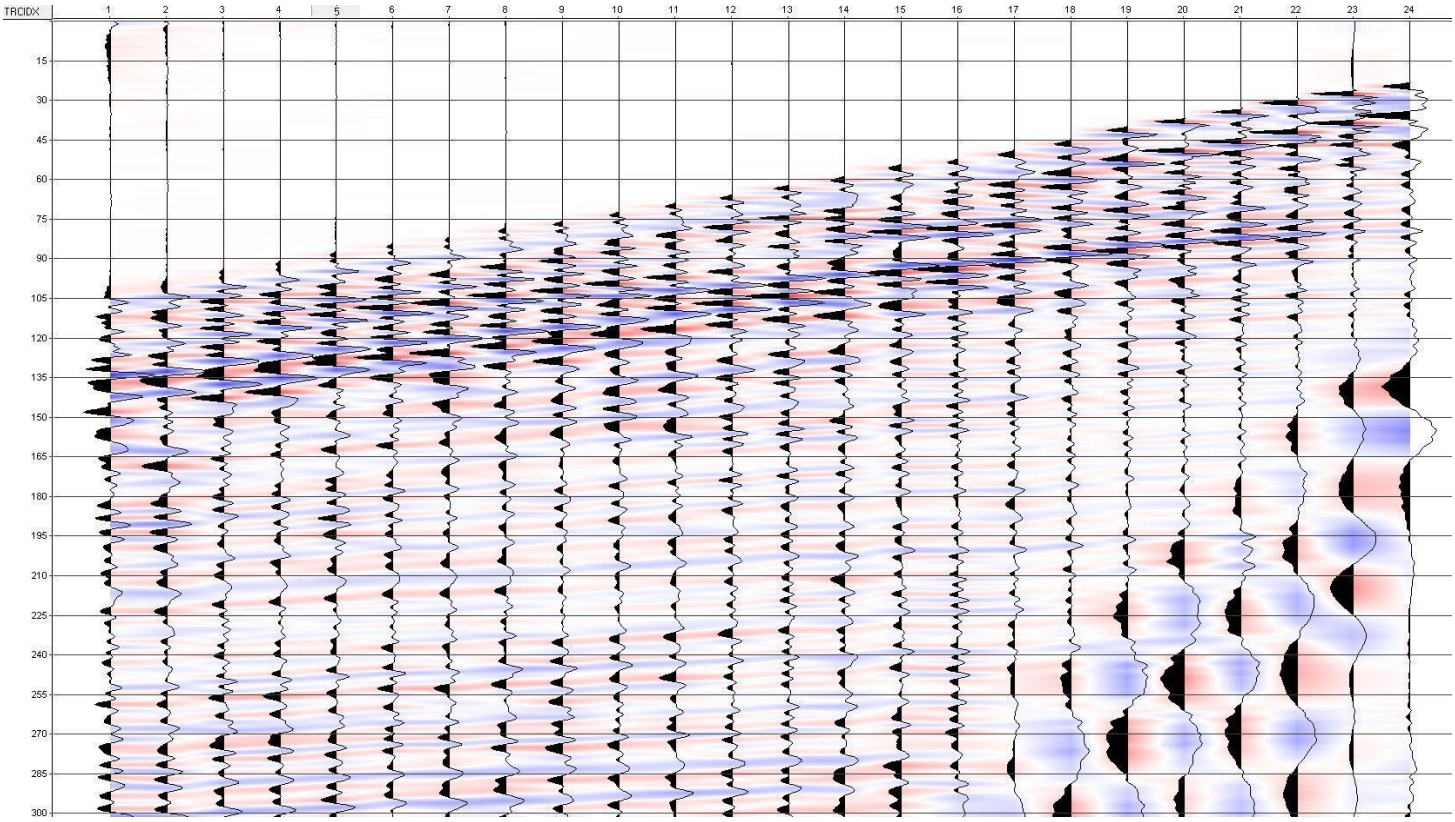
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Detalle | Especificaciones | Aplicaciones | Galería de imágenes

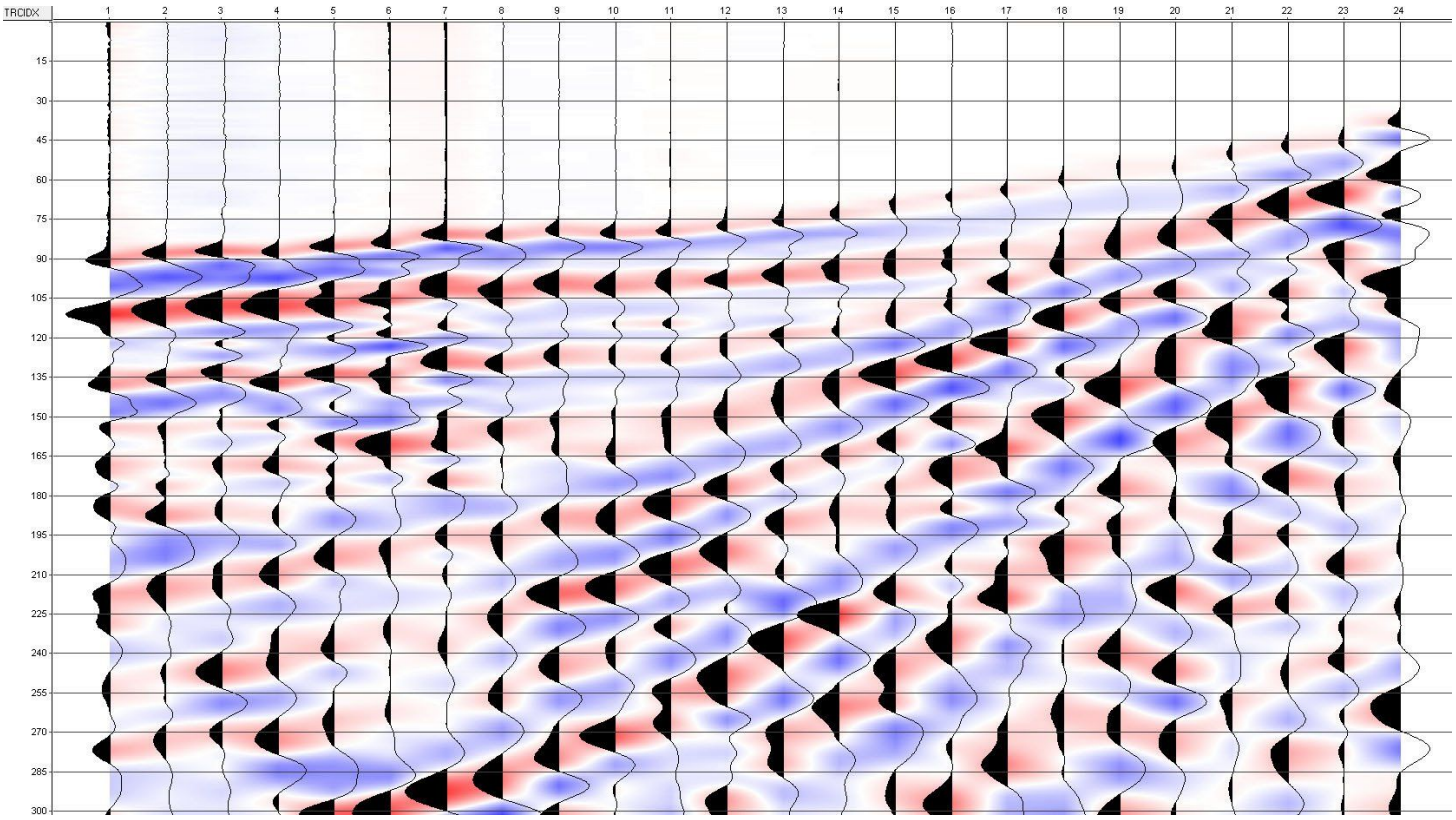
Detalle

Pike is a powerful and easy-to-operate seismic source, specifically designed for seismic acquisition in transition zones, shallow water, waterlogged areas, and logged terrain—environments where traditional seismic sources such as sledgehammers or weight drops provide no result.

Seismic impulse is generated through the controlled detonation of commercially available construction-grade cartridges.



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A cartridge with up to 800 joules of energy is usually sufficient for refraction seismic surveys reaching depths of around 30 to 50 meters, depending on ground conditions. For deeper targets or more challenging environments, more powerful cartridges—with higher energy output—can be used to generate stronger seismic signals and improve depth penetration.

Built from lightweight yet durable titanium alloy, the Pike offers an ideal balance of ruggedness, reliability, and portability. Its ergonomic and compact design ensures easy handling in the field, even in difficult or remote locations.

- High Energy Efficiency: Delivers up to 4.0 kJ per pulse, enhancing penetration depth in heterogeneous and attenuative media
- Broadband Source Signature: Extended frequency content enables improved resolution of near-surface stratigraphy and geotechnical features
- Field Adaptability: Operational in shallow water, marshes, logged zones, and other logistically constrained environments
- Ruggedized Construction: Titanium alloy body ensures long-term durability and minimal maintenance under adverse environmental conditions
- Repeatable Source Signature: Cartridge-based actuation ensures consistent energy output and wavelet shape for reflection and refraction studies

Whether it is an engineering and environmental site characterization, geohazard assessment or any other type of shallow reflection/refraction survey and MASW, Pike seismic source offers the performance, efficiency, and toughness needed to get reliable results in swamps and other challenging environments.

Especificaciones técnicas

Pike-6.8	Pike-7.62	
Charge type	nail gun cartridges	blank cartridges

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Generating energy	0.4 – 0.8 kJ	up to 4kJ
Trigger mode	manual	
Material	titanium alloy	
Length	1.5 m	
Weight	1.5 kg	

Galería de imágenes

Mostrando hasta 6 imágenes de la galería.



Imagen de galería 1

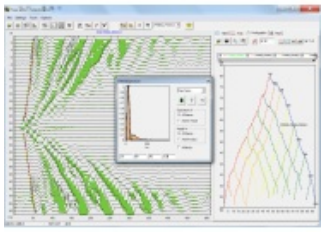


Imagen de galería 2

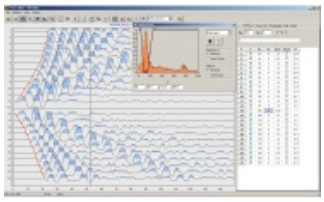


Imagen de galería 3

Imagen de galería 4

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