

HOW IT WORKS

The Thumper connects to a pressurized water-filled line and uses water flow to create a controlled mechanical pulse inside the pipe. That pulse travels through the line, allowing technicians to acoustically trace the path of underground plastic or PVC pipe from the surface.

PURPOSE / PRIMARY USE

- Designed to generate a powerful, repeatable mechanical pulse in water-filled lines for acoustic pipe tracing and location.

KEY FEATURES

- Generates a strong, consistent mechanical pulse
- Simple connection and operation
- No electronics or batteries required
- Built for field durability and long service life
- Compatible with standard water sources
- Helps improve trace accuracy and locating efficiency

RECOMMENDED OPERATING CONDITIONS

- Use within the pressure range noted in the specifications
- Clean, clear water supply recommended
- Ensure all connections are secure and free of leaks
- Flush line before use to remove debris

BEST APPLICATIONS

- Tracing underground plastic or PVC water lines
- Locating service lines, laterals, and water mains
- Municipal water utilities
- Irrigation and landscape systems
- Contractors and locating professionals

LIMITATIONS

- For use in water-filled lines only
- Not intended for use in gas, air, or non-water systems
- Performance may vary with pipe size, material, and soil conditions
- Exceeding maximum pressure may cause damage or injury

SAFETY NOTICE

Always follow safe work practices and local regulations. Do not exceed maximum recommended pressure. Wear appropriate personal protective equipment (PPE). Ensure connections are tight before pressurizing. Relieve pressure and disconnect before servicing. Keep out of reach of children.



SPECIFICATIONS

Product Type	Mechanical Pulse Generator
Primary Application	Acoustic Pipe Tracing (Plastic / PVC Lines)
Ideal Operating Pressure	40–110 PSI (2.5-7.5 Bar)
Maximum Recommended Pressure	120 PSI
Connection Type	3/4" Garden Hose Thread
Power Source	Water pressure only
Batteries Required	No
Leak Detection Tool	No



WATER PRESSURE. MECHANICAL PULSE.
ACOUSTIC CLARITY.