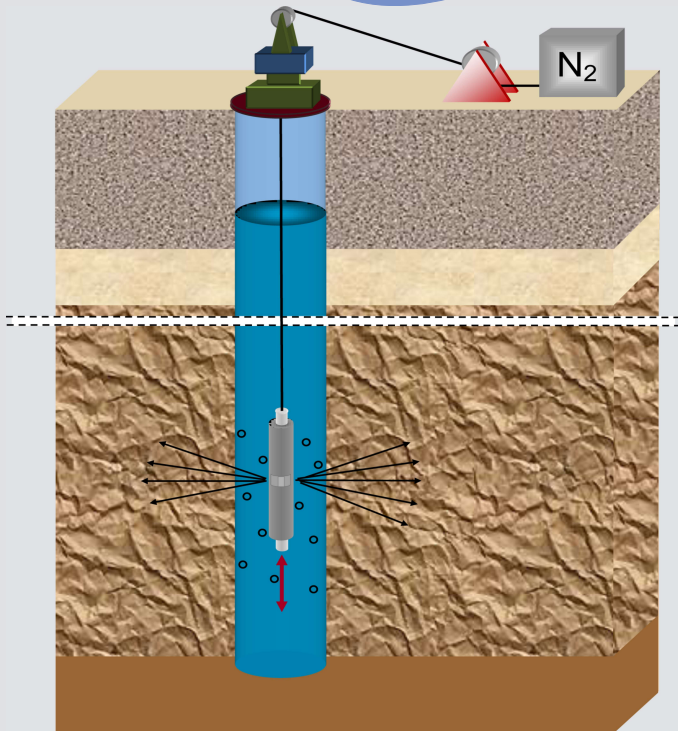




Technology for use in oil and gas boreholes:

The pulse generator is pulled into the borehole in the perforated zone with a cap string reel.

A nitrogen pump (mobile or stationary) produces the pressure gas for the pulse process. The cap string transports the high pressure gas from the nitrogen pump to the pulse generator.

The pulse triggering is automatic and at a distance of 2 up to 10 seconds.

The duration of the pressure pulse sequences depending on the application about 1 hour / m perforated zone.

Parameter	Specification	Parameter	Specification
type of pulse generator	GIID60P GIID50P	operating depth	depending on the hydrostatic pressure up to max. 2000 m water column
material	high quality steel	well diameter	Minimum 75 mm
working pressure	up to 400 bar	length GIID60P	565 mm
		length GIID50P	665 mm
working gas	air nitrogen	diameter of pulse generator	50 / 70 mm (oZ / mZ) 60 / 80 mm (oZ / mZ)
pulse triggering	automatic	energy input	
pulse frequency	0,5 - 0,1 Hz adjustable	GIID60P	approx. 25,0 kJ
weight	7,2 kg / 4,6 kg	GIID50P	approx. 12,5 kJ

