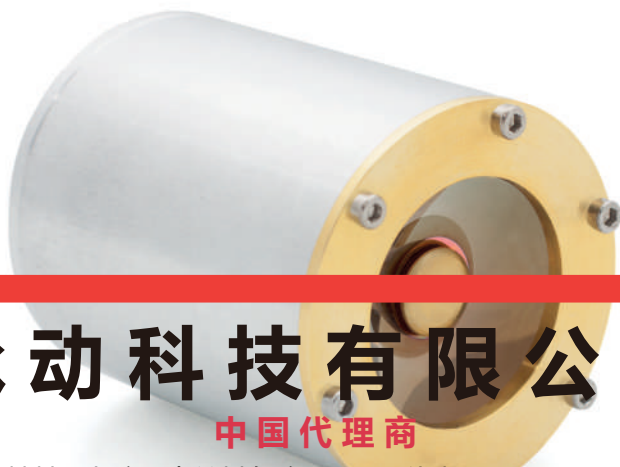


# Thermoacoustic Emitter

broadband air-coupled ultrasound source



## 脉动科技有限公司

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上海办事处  
021-60720971

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0755-26922729

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17710735621

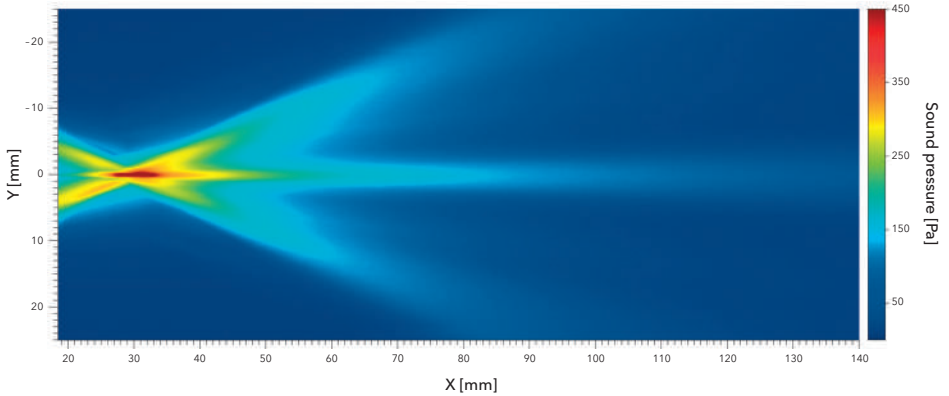
moving sounds without moving parts

**xarion**  
laser acoustics

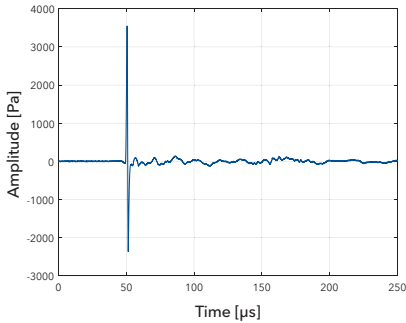
# Features

Emitter type	thermoacoustic
Frequency range	10 kHz - 1 MHz
Peak pressure	>2000 Pa (>160 dB <sub>SPL</sub> )
Pulse width	1 μs (FWHM)
Acoustic field	focussed

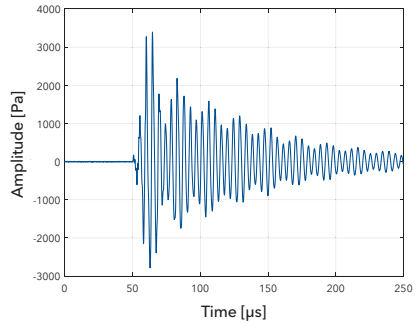
Focal spot size	ø 1 mm
Focal distance	20 or 30 mm
Operating voltage	0 - 750V
Size	ø 42 mm / 52 mm
Weight	250 g / 400 g



Acoustic field of a thermoacoustic emitter measured with an Optical Microphone



Impulse response of the thermoacoustic emitter



Impulse response of a piezoelectric emitter