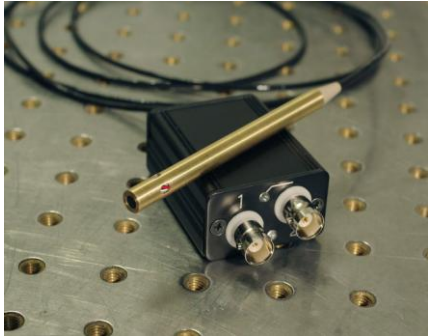




MINI INTENSITY PROBE



Standard mini probe and electronics

This mini pressure-pressure intensity probe integrates two electret microphone capsules powered by IEPE supply.

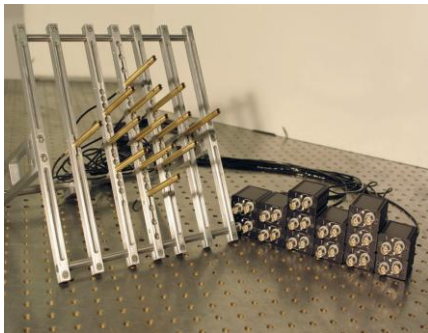
Benefits

The 'tandem' setup of the microphone capsules of the mini intensity probe allows to perform measurements closer to the surface or specimen, and therefore to improve the spatial resolution of the measurement.

Applications : Transmission loss measurement, sound source position detection, acoustic imaging (double layer antennae), etc.

Technical specifications

- Diameter : 1/4 "
- Microphones spacing : 12mm or 30mm
- Microphones : see "IEPE microphones" technical data
- Frequency range :
 - [200 Hz ; 8 kHz] for 12 mm spacing
 - [50 Hz ; 2 kHz] for 30 mm spacing
- Line out connector: 2x BNC
- Adaptations are possible upon specifications (microphones spacing, body length, conditioning...)



Application example

Calibration

A specific calibration coupler allows the performance of both absolute and relative (phase and level) calibrations of the mini probe without disassembly.

Included hardware

- Mini intensity probe
- Calibration coupler for absolute and low frequency relative calibrations
- Hardcase



Calibration cavity

Option : INTAC acquisition and processing software (Windows) and NI 9233 USB acquisition module. See INTAC software technical data.

