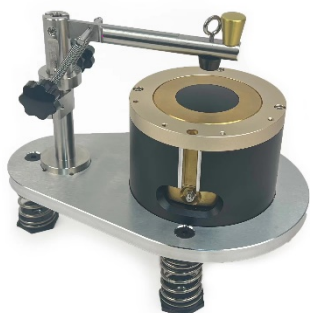


# Simulated Astoid AM 531

Version: 1.0\_20230816\_EN



AM 531 is a force coupler dedicated to bone vibrator measurements, featuring a built-in high-precision piezoelectric force sensor. The contact surface, made of specialized materials, accurately replicates the force impedance characteristics of the mastoid portion of the skull.

It is suitable for measuring and controlling the vibration signals of bone conduction transducers, and when paired with specific fixtures, it can be used for single-ear and dual-ear testing.

## General features

- Meets the calibration frequency response range required by IEC 60318-6:2007.
- Built-in high-precision force sensor with a measuring range of  $\pm 200\text{N}$ .
- Flexible compatibility with MegaSig custom fixtures.

## General specifications

Frequency response range	100Hz~10kHz
Sensitivity (25 $\pm$ 5 $^{\circ}$ C)	~25mV/N
Resonance frequency	> 70kHz
Force measurement range	$\pm 200\text{N}$
Output method	M5
Weight	3.45kg
Dimensions	205mmX145mmX190mm(L*W*H)

MegaSig reserves the right to change specifications and accessories without notice.



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