

## TSD108 Physiological Sounds transducer



The TSD108 connects to the DA100C General Purpose Transducer Amplifier. The TSD108 can be used with the TSD120 Non-Invasive Blood Pressure Cuff or as a stand-alone device. If you use it with the TSD120, you can record Korotkoff sounds for easy determination of systolic and diastolic blood pressure (see page for 54 details). When used on its own, it can record a variety of acoustical signals, including heart sounds and sounds associated with ribbing or grinding (e.g., Bruxism). The acoustical transducer element is a Piezo-electric ceramic disk that is bonded to the interior of a circular metallic housing.

### TSD108 Calibration

The TSD108 does not require calibration.

### TSD108 Specifications

Frequency Response:	35Hz to 3500Hz
Housing:	Stainless Steel
MRI compatible:	Yes (no ferrous parts)
Sterilizable:	Yes (contact BIOPAC for details)
Noise:	5 $\mu$ V rms - (500-3500Hz)
Output:	2V (p-p) maximum
Weight:	9 grams
Dimensions:	29mm diameter, 6mm thick
Cable Length:	3 meters
Interface:	DA100C
TEL100C Compatibility:	SS17—see page 179