The OS002 Omni Sound Source and SWA100 Power Amplifier are ideal match for frequency response measurements, including Acoustic Reciprocity and Maximum Length Sequence (MLS) method.



OS002 Omni Sound Source uses 12 matched loudspeakers in a dodecahedral configuration. This achieves a spherical distribution pattern satisfying ISO 140-3 and ISO 3382 requirements. When connected to the SWA100 Power Amplifier, OS002 can deliver the remarkable output power of 115 dB.



All 12 specially selected speakers are connected in a series-parallel network to ensure both in-phase operation and matching impedance to the SWA100 Power Amplifier. The speaker enclosure is all metal providing a rugged, solid construction resulting in high acoustic performance. The OS002 is compact and less than 12" (30 cm) in diameter. With its high output power, it's an ideal choice for sound insulation, acoustic reciprocity, and many other sound source measurements.



PA50 is a single-channel power amplifier with a power at 20W. Designed to be light weighted, PA50 is equipped with protection circuit that other power amplifiers of higher price have.
The PA50 is ideal unit for impedance tube and audio testing.

SWA100 Power Amplifier produces an amazing 100W per channel at 8 Ω for its incredibly compact size and low weight. It has the same features and protection circuits normally found only in more expensive, larger, and heavier amplifiers. Its two channels can be used independently of each other. The SWA100 is specially designed to use passive cooling removing the need (and noise) of a cooling fan.

SPECIFICATIONS

Omni-Sound Source OS002	
Standards	ISO130-3; ISO3382; DIN52210
Nominal Impedance	6 Ω
Power Handling	200 W continuous
Frequency Range	125 Hz ~ 4 kHz
Sound Power Level	115 dB Pink Noise
Connector	Audio Connector
Loudspeaker Units	4” Diameter; 8 Ω; 25 W
Diameter	300 mm
Weight	10 kg
Carrying Case Dimensions	320 x 320 x 320 mm
Power Amplifiers PA50	
Audio Power	20 W
Power Supply	220 V/110 V
Dimensions	270 x 220 x 120 mm
Weight	3.5 kg
Power Amplifiers SWA100	
Audio Power	100 W
Power Supply	220 V/110 V
Dimensions (including case)	495 x 430 x 150mm
Weight	12 kg