

## GRAS AL0030

### Production Line Acoustic Test Chamber



AL0030 Production Line Acoustic Test Chamber is an anechoic test chamber for acoustic production line testing of mobile devices, for example cell phones, tablets, Bluetooth speaker systems and similarly sized portable acoustic devices.

It is designed for quick and qualified acoustic test, including frequency response, THD, Rub & Buzz and microphone test, using optional sound source.

It provides a flexible platform that can be configured to suit specific requirements. It has a broad range of connections for injecting test and control signals to the Device Under Test (DUT). The platform can also be expanded with a larger drawer that provides up to 10 connections.

Main features are:

- Repeatable testing and reliable data
- Easy open/close for quick and safe change of DUT
- Flexible test jig for easy adjustment to new DUT
- Flexible microphone mounting for both front- and backside speakers as well as edge-mounted speakers
- High-quality, high-sensitive 46BL ¼" CCP measurement microphone included
- Individually calibrated frequency response

AL0030 will speed up product development time significantly. It can be deployed almost anywhere and essentially offers a bench-top anechoic chamber providing highly repeatable data.

Specifications	AL0030
Frequency range*	100 Hz – 20kHz
Noise insulation (SIL)	> 25 dB (3rd octave)
Connector panel options: Small Large	8 configurable connections 10 configurable connections
Operating temperature range	+ 5°C to + 40°C
Dimensions	Height: 52.8 cm Width: 42.4 cm Depth: 63.8 cm
Max. dimensions of DUT	300 x 200 mm (12" x 8")
Weight	39 kg

\* The recommended useful frequency range for AL0030 is from 100 Hz to 20 kHz. It can be used down to 50 Hz, however, below 100 Hz phenomena like room gain can make measurements unpredictable, and therefore we recommend 100 Hz as a practical lower limit.

Connector Panel Options	
AE2197	BNC Socket, Female
AE2198	RCA Socket, Female
AE2199	XLR Connector 3 pol, Female
AE2200	Loudspeaker con. plug, SpeakON, 4 way
AE2201	S-VHS, Female, to S-VHS, Female
AE2202	¼" jack, 3 pol
AE2203	D-sub 9 pin
AE2204	HDMI-Connector
AE2205	Ethernet connector
AE2207	USB-B adapter

