

MECHANICAL ENVIRONMENTAL TESTING

ACOUSTIC TEST CHAMBER



General

The test equipment consist of a reverberation room with electropneumatic noise generators.

Attachments of test objects

With strings from the ceiling, maximum weight appr. 40 kg.

Measures

3.8 m x 2.7 m x 2.3 m

Miscellaneous

Supply of 200 V 400 Hz

Performance

Meets the method requirements according to:

- IEC 68-2-65
- REF-80 V - 4.2E Appendix C
- Testing frequency: 200- 20 000 Hz
- Testing level: 115- 150 dB_{tot}

Table of levels in reference to overall level

Center Freq 1/3 oct bends [Hz]	[dB] re Overall pressure level	Center Freq 1/3 oct bends [Hz]	[dB] re Overall pressure level
200	-13 ± 8	2500	-14 ± 5
250	-12 ± 8	3150	-15 ± 5
315	-11 ± 8	4000	-16 ± 5
400	-10 ± 5	5000	-17 ± 5
500	-10 ± 5	6300	-18.5 ± 8
630	-10 ± 5	8000	-20 ± 8
800	-10 ± 5	10000	-21.5 ± 8
1000	-10 ± 5	12500	-23 ± 8
1250	-11 ± 5	16000	-24.5 ± 8
1600	-12 ± 5	20000	-26 ± 8
2000	-13 ± 5		

Specifications subject to change without notice