

ICS 17.140.01
CCS Z 32



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 6881.3-2002

Replacing GB/T 6881-1986

**Acoustics -- Determination of sound power levels of noise sources-using sound
pressure -- Engineering methods for small, movable sources in reverberant fields
-- Part 2: Methods for special reverberation test rooms**

(English Translation)

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What this standard covers

This standard specifies a small movable determine sound power levels of noise sources Engineering method is relatively simple. This measurement is necessary to consider the sound source is placed within a predetermined frequency range specifically designed reverberation time room. Sound source under test A-weighted sound power level is done by a single microphone position measurement to determine the A-weighted sound pressure level, not by summing octave SPL. Direct method avoids the need to use the standard sound source, but require special reverberation test rooms. Direct method based on the premise: You can use the test chamber space and time to get the average sound pressure level sound source sound power level emitted. Choose special reverberation test room features, so the measured sound power output of the device to be small. Special provisions to the test chamber microphone and the sound source position number of locations. Special reverberation chamber design guidelines in Appendix B. In addition to direct methods, but also tells a comparison method (see 8. 3). However, because the GB/T 6881. 2 comparative law limits the test chamber requires less obviously, so when special reverberation test rooms inconvenience applications, it is recommended to use GB/T 6881. 2 comparative law.

Document data

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Standards quoted by this document

GB/T 3241-1998; GB/T 3785-1983; GB/T 4129-1995; GB/T 6881.1-2002; GB/T 6881.2-2002; GB/T 6882-1986; GB/T 14573.1-1993; GB/T 14573.4-1993; GB/T

15173-1994; GB/T 17181-1997; GB/T 18698-2002; GBJ 47-1983