



ISO 10534-2

Acoustics — Determination of acoustic properties in impedance tubes —

Part 2: Two-microphone technique for normal sound absorption coefficient and normal surface impedance

Acoustique — Détermination des propriétés acoustiques aux tubes d'impédance —

Partie 2: Méthode à deux microphones pour le coefficient d'absorption sonore normal et l'impédance de surface normale

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This second edition cancels and replaces the first edition (ISO 10534-2:1998), which has been technically revised.

The main changes are as follows:

- the introduction of the measurement procedure to estimate the characteristic properties of porous materials (characteristic impedance, wavenumber, dynamic mass density, dynamic bulk modulus) in an informative annex. The signal processing techniques have been updated since the first version of this document.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

This corrected version of ISO 10534-2:2023 incorporates the following correction:

- In [Formula \(A.2\)](#), $\sqrt{f/(c_0d)}$ was corrected to $\sqrt{f}/(c_0d)$.