
Elektroakustika - Avdiometrična oprema - 5. del: Instrumenti za merjenje akustične impedance/admittance ušesa

Electroacoustics - Audiometric equipment - Part 5: Instruments for the measurement of aural acoustic impedance/admittance

Akustik - Audiometer - Teil 5: Geräte zur Messung der akustischen Impedanzen/Admittanzen des Gehörs

Electroacoustique - Appareillage audiométrique - Partie 5: Instruments pour la mesure de l'impédance ou de l'admittance aurale (impédancemètres ou admittancemètres)

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☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING
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TITLE:

Electroacoustics - Audiometric equipment - Part 5: Instruments for the measurement of aural acoustic impedance/admittance

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ELECTROACOUSTICS – AUDIOMETRIC EQUIPMENT – Part 5: Instruments for the measurement of aural acoustic impedance/admittance

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IEC 60645-5 has been prepared by IEC technical committee 29: Electroacoustics. It is an International Standard.

This second edition cancels and replaces the first edition published in 2004. This edition constitutes a technical revision.

This edition includes the following significant technical change with respect to the previous edition:

- a) updated to comply with the current state of the art within instruments for the measure of aural acoustic impedance/admittance.

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167 The text of this International Standard is based on the following documents:

Draft	Report on voting
XX/XX/FDIS	XX/XX/RVD

168
169 Full information on the voting for its approval can be found in the report on voting indicated in
170 the above table.

171 The language used for the development of this International Standard is English.

172 This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in
173 accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available
174 at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are
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- 179 • reconfirmed,
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INTRODUCTION

184 Developments in the field of diagnostic hearing measurement have resulted in a number of
185 instruments designed to evaluate the acoustic impedance/admittance of the human ear by
186 means of acoustic probe signals having different frequencies and temporal characteristics. The
187 practical use of such instruments concerns to a large extent the measurement of changes in
188 acoustic impedance/admittance caused either by varying the air pressure in the external
189 auditory meatus or by activating the middle ear muscle reflex.

190 Conformance to the performance specification in this document is demonstrated when a
191 measured deviation from a design goal equals or does not exceed the corresponding
192 acceptance limit(s), and the laboratory has demonstrated that the associated uncertainty of
193 measurement equals or does not exceed the maximum permitted uncertainty specified in this
194 document.

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