

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-11: Particular requirements for electrically-operated food preparation appliances

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN IEC 60704-2-11:2025 sisaldab Euroopa standardi EN IEC 60704-2-11:2025 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 02.05.2025.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN IEC 60704-2-11:2025 consists of the English text of the European standard EN IEC 60704-2-11:2025.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 02.05.2025.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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English Version

Household and similar electrical appliances - Test code for the
determination of airborne acoustical noise - Part 2-11: Particular
requirements for electrically-operated food preparation
appliances
(IEC 60704-2-11:2025)

Appareils électrodomestiques et analogues - Code d'essai
pour la détermination du bruit aérien - Partie 2-11:
Exigences particulières pour les appareils électriques
destinés à la préparation des aliments
(IEC 60704-2-11:2025)

Elektrische Geräte für den Hausgebrauch und ähnliche
Zwecke - Prüfvorschrift für die Bestimmung der
Luftschallemmission - Teil 2-11: Besondere Anforderungen
für elektrisch betriebene Küchenmaschinen
(IEC 60704-2-11:2025)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 59L/285/FDIS, future edition 2 of IEC 60704-2-11, prepared by SC 59L "Small household appliances" of IEC/TC 59 "Performance of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60704-2-11:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-05-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-05-31 document have to be withdrawn

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The text of the International Standard IEC 60704-2-11:2025 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60335-1:2020 NOTE Approved as EN IEC 60335-1:2023 (not modified) +A11:2023

IEC 60335-2-14:2016 NOTE Approved as EN IEC 60335-2-14:2023 (not modified) +A11:2023

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Household and similar electrical appliances – Test code for the determination of airborne acoustical noise –
Part 2-11: Particular requirements for electrically-operated food preparation appliances**

**Appareils électrodomestiques et analogues – Code d’essai pour la détermination du bruit aérien –
Partie 2-11: Exigences particulières pour les appareils électriques destinés à la préparation des aliments**



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IEC Secretariat
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –
TEST CODE FOR THE DETERMINATION OF
AIRBORNE ACOUSTICAL NOISE –****Part 2-11: Particular requirements for electrically-operated
food preparation appliances**

FOREWORD

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IEC 60704-2-11 has been prepared by subcommittee 59L: Small household appliances, of IEC technical committee 59: Performance of household and similar electrical appliances. It is an International Standard.

This second edition cancels and replaces the first edition published in 1998. This edition constitutes a technical revision.

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

- a) definition of various kind of food preparation appliances added;
- b) revision of the test conditions;
- c) coffee mills and coffee grinders are removed from the scope.

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

Draft	Report on voting
59L/285/FDIS	59L/289/RVD

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

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

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

This Part 2-11 is intended to be used in conjunction with the fourth edition of IEC 60704-1:2021, *Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements*.

The relevant text of IEC 60704-1:2021 as amended by this publication establishes the test code for electrically-operated food preparation appliances.

This Part 2-11 supplements or modifies the corresponding clauses in IEC 60704-1:2021. When a particular subclause of IEC 60704-1:2021 is not mentioned in this document, that subclause is applicable as far as reasonable. Where this standard states "addition", "modification", "replacement" or "deletion", the relevant requirements, test specifications or explanatory matter in IEC 60704-1:2021 should be adapted accordingly.

Subclauses and tables that are additional to those in IEC 60704-1:2021 are numbered starting from 101.

Unless notes are in a new subclause or involve notes in IEC 60704-1:2021, they are numbered starting from 101, including those in a replaced clause or subclause.

In this standard, the following print types are used:

- terms defined in Clause 3: **bold type**.

A list of all the parts in the IEC 60704 series, under the general title *Household and similar electrical appliances – Test code for the determination of airborne acoustical noise*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

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INTRODUCTION

The measuring conditions specified in this Part 2-11 provide for sufficient steadiness in the noise emitted and reproducibility in different laboratories, whilst simulating as far as possible the practical use of electrically-operated food preparation appliances.

It is recommended to consider the determination of noise levels as part of a comprehensive testing procedure covering many aspects of the properties and performance of electrically-operated food preparation appliances.

NOTE As stated in the introduction to IEC 60704-1:2021, this test code is concerned with airborne noise only.

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – TEST CODE FOR THE DETERMINATION OF AIRBORNE ACOUSTICAL NOISE –

Part 2-11: Particular requirements for electrically-operated food preparation appliances

1 Scope

Addition:

This part of IEC 60704 applies to electrically-operated food preparation appliances, either in the form of separate machines with a single function or in the form of multi-purpose machines with appropriate tools or attachments for several functions. These machines are intended for placing on counters, tables, work tops or sinks, for built-in, or for hand-held use, supplied from mains or from batteries and able to ensure the functions described in IEC 60619:1993, Clause 4 and IEC 60619:1993/AMD1:1995, Clause 4.

NOTE 1 A revised version of IEC 60619 is under preparation.

This document also applies to **multifunctional cooking food processors**.

This document does not apply to coffee mills and coffee grinders.

NOTE 2 Coffee mills and coffee grinders will be included in a separate standard, which is under preparation.

2 Normative references

Addition:

IEC 60619:1993, *Electrically operated food preparation appliances – Methods for measuring the performance*

IEC 60619:1993/AMD1:1995

3 Terms and definitions

Addition:

3.101

hand-held appliances' standard container

container with sides of 500 mm ± 150 mm and a height of 300 mm ± 100 mm, the structure being rigid enough to avoid structure-borne noise

3.102

hand-held appliance

portable appliance intended to be held in the hand during normal use

[SOURCE: IEC 60335-1:2020, 3.5.2]