

# 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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## 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

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://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](https://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.

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# 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]