

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Household and similar electrical appliances – Test code for the determination of
airborne acoustical noise –
Part 2-3: Particular requirements for dishwashers**

**Appareils électrodomestiques et analogues – Code d'essai pour la détermination
du bruit aérien –
Partie 2-3: Exigences particulières pour les lave-vaisselle**



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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 2-3: Particular requirements for dishwashers**

FOREWORD

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IEC 60704-2-3 has been prepared by subcommittee 59A: Electric dishwashers, of IEC technical committee 59: Performance of household and similar electrical appliances. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2017. This edition constitutes a technical revision.

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

- a) alignment to IEC 60704-1:2021,
- b) change of the position of the test sample in the test enclosure (aligned to IEC 60704-1:2021),

c) detergent changed (aligned to IEC 60436:2025).

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

Draft	Report on voting
59A/272/FDIS	59A/275/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 International Standard is intended to be used in conjunction with the fourth edition of IEC 60704-1:2021.

This document supplements or modifies the corresponding clauses in IEC 60704-1:2021, so as to establish the test code for dishwashers. When a particular subclause of IEC 60704-1:2021 is not mentioned in this Part 2-3, that subclause is applicable insofar as reasonable. Where this standard states "addition", "modification" or "replacement", the relevant requirements, test specifications or explanatory matter in IEC 60704-1:2021 should be adapted accordingly.

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

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.

Additional annexes are lettered AA, LB, etc.

In this standard, the following print types are used:

- terms defined in Clause 1 in **bold type**.

A list of all parts in the IEC 60704 series, published 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.

INTRODUCTION

The measuring conditions specified in this document provide for sufficient accuracy in determining the noise emitted and comparing the results of measurements taken by different laboratories, whilst simulating as far as possible the practical use of dishwashers.

It is recommended to consider the determination of noise levels as part of a comprehensive testing procedure covering many aspects of properties and performance of household dishwashers.

NOTE As stated in the Introduction to IEC 60704-1:2021, this test code concerns airborne noise only.

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

Part 2-3: Particular requirements for dishwashers

1 Scope

Addition:

These particular requirements apply to single unit electric dishwashers for household and similar use, with or without automatic programme control, for cold and/or warm water supply, for detachable or permanent connection to water supply or sewage systems, intended for placing on the floor against a wall, for building-in or placing under a counter, a kitchen worktop or under a sink, for wall-mounting or on a counter.

2 Normative references

Addition:

IEC 60436:2025, *Electric dishwashers for household use – Methods for measuring the performance*

3 Terms and definitions

3.3 operational cycle

Replacement:

sequence of operational periods starting with the initiation of the programme (excluding any user programmed delay) and ending when all activity ceases (i.e. the dishwasher can revert to off mode or it can have a steady state power consumption until the user opens the dishwasher or turns the unit off)

Note 1 to entry: Audible programme end signals should be switched off or set to the lowest configuration. If this is not possible, the audible signals shall be included in the measurement.

3.101 rated dishwasher capacity

whole number of place settings together with the serving pieces which can be cleaned and dried in one cycle when loaded in accordance with the manufacturer's instructions

Note to entry: The **rated dishwasher capacity** is declared by the manufacturer and expressed as a number of place settings.

[SOURCE: IEC 60436:2025, 3.1.12]

3.102 drying

operational period during which the load is dried, beginning when the washing pump has stopped after final rinse and ending with the end of the **operational cycle**