

Household and similar electrical appliances — Test code for the determination of airborne acoustical noise —

Part 2-3: Particular requirements for dishwashers

The European Standard EN 60704-2-3:2002, with the incorporation of amendment A1:2005, has the status of a British Standard

ICS 17.140.20; 97.040.40

National foreword

This British Standard is the official English language version of EN 60704-2-3:2002, including amendment A1:2005. It is identical with IEC 60704-2-3:2001. It supersedes BS EN 60704-2-3:1995 which will be withdrawn on 2005-03-01.

The start and finish of text introduced or altered by CENELEC amendment is indicated in the text by tags **A1** **A1**. Tags indicating changes to CENELEC text carry the number of the CENELEC amendment. For example, text altered by CENELEC amendment A1 is indicated in the text by **A1** **A1**.

The UK participation in its preparation was entrusted by Technical Committee CPL/59, Performance of household electrical appliances, to Subcommittee CPL/59/1, Dishwashers and washing machines, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Summary of pages

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English version

**Household and similar electrical appliances –
Test code for the determination of airborne acoustical noise
Part 2-3: Particular requirements for dishwashers
(IEC 60704-2-3:2001)
(includes amendment A1:2005)**

Appareils électrodomestiques
et analogues –
Code d'essai pour la
détermination du bruit aérien
Partie 2-3: Règles particulières
pour les lave-vaisselle
(CEI 60704-2-3:2001)
(inclut l'amendement A1:2005)

Elektrische Geräte für den
Hausgebrauch und ähnliche Zwecke -
Prüfvorschrift für die Bestimmung
der Luftschallemission
Teil 2-3: Besondere Anforderungen
für Geschirrspülmaschinen
(IEC 60704-2-3:2001)
(enthält Änderung A1:2005)

This European Standard was approved by CENELEC on 2002-03-01; amendment A1:2005 was approved by CENELEC on 2005-07-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 59A/103/FDIS, future edition 2 of IEC 60704-2-3, prepared by SC 59A, Electric dishwashers, of IEC TC 59, Performance of household electrical appliances, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60704-2-3 on 2002-03-01.

This European Standard supersedes EN 60704-2-3:1994.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2002-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2005-03-01

This Part 2-3 is to be used in conjunction with EN 60704-1:1997.

This Part 2-3 supplements or modifies the corresponding clauses of EN 60704-1. When a particular subclause of Part 1 is not mentioned in this Part 2-3, that subclause applies as far as is reasonable. Where this Part 2-3 states "addition", "modification" or "replacement", the relevant text of Part 1 is to be adapted accordingly.

Subclauses or figures which are additional to those in Part 1 are numbered starting from 101.

Annexes designated "normative" are part of the body of the standard.
In this standard, annex A is normative.

Endorsement notice

The text of the International Standard IEC 60704-2-3:2001 was approved by CENELEC as a European Standard without any modification.

Foreword to amendment A1

The text of document 59A/120/FDIS, future amendment 1 to IEC 60704-2-3:2001, prepared by SC 59A, Electric dishwashers, of IEC TC 59, Performance of household electrical appliances, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60704-2-3:2002 on 2005-07-01.

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Annex ZA has been added by CENELEC.

Endorsement notice

The text of amendment 1:2005 to the International Standard IEC 60704-2-3:2001 was approved by CENELEC as an amendment to the European Standard without any modification.

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INTRODUCTION

The measuring conditions specified in this Part 2-3 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.

To avoid unsteadiness caused by foaming, the tests are carried out with unsoiled loads and without detergents or rinsing aids.

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 dishwashers.

Compared to the first edition (1987) of this Part 2, the second edition additionally considers the noise of water supply, drainage, pre-wash and intermediate rinse. Therefore the operating conditions during these operations shall be observed carefully.

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