



SLOVENSKI STANDARD SIST EN IEC 63174:2022

01-marec-2022

Električne zobne ščetke - Metode za merjenje funkcionalnosti

Electrically operated toothbrushes - Method for measuring performance

Brosses à dents électriques - Méthodes de mesure de l'aptitude à la fonction

Ta slovenski standard je istoveten z: EN IEC 63174:2022

ICS:

11.060.01	Zobozdravstvo na splošno	Dentistry in general
97.170	Oprema za nego telesa	Body care equipment

SIST EN IEC 63174:2022

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 63174

January 2022

ICS 97.030

English Version

Electrically operated toothbrushes - Methods for measuring the
performance
(IEC 63174:2021)

Brosses à dents électriques - Méthodes de mesure de
l'aptitude à la fonction
(IEC 63174:2021)

Elektrisch betriebene Zahnbürsten - Verfahren zur Messung
der Gebrauchseigenschaften
(IEC 63174:2021)

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

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

EN IEC 63174:2022 (E)**European foreword**

The text of document 59L/208/FDIS, future edition 1 of IEC 63174, 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 63174:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2022-10-03 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2025-01-03 document have to be withdrawn

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62301	-	Household electrical appliances Measurement of standby power	-EN 50564	-

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IEC 63174

Edition 1.0 2021-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE



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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 97.030

ISBN 978-2-8322-1056-9

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRICALLY OPERATED TOOTHBRUSHES –
METHODS FOR MEASURING THE PERFORMANCE****FOREWORD**

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IEC 63174 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.

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

Draft	Report on voting
59L/208/FDIS	59L/211/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/standardsdev/publications.

Terms **in bold** in the text are defined in Clause 3.

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,
- replaced by a revised edition, or
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ELECTRICALLY OPERATED TOOTHBRUSHES – METHODS FOR MEASURING THE PERFORMANCE

1 Scope

This document applies to **electrically operated toothbrushes** used for electric cleaning of teeth. **Rechargeable toothbrushes** and **primary battery operated toothbrushes**, both for adults and children, are within the scope of this document.

This document describes the test methods for measurement of the performance parameters as listed in Clause 4.

The purpose of this document is only to specify the measurement method; it does not define any limit values.

NOTE The **electrically operated toothbrushes** are classified as follows:

Classification with regard to supply modes:

- **primary battery operated toothbrush;**
- **rechargeable toothbrush:**
 - **wireless rechargeable toothbrush;**
 - **corded rechargeable toothbrush.**

Classification with regard to operating modes:

- **rotary electrically operated toothbrush;**
- **reciprocating electrically operated toothbrush:**
 - **linear reciprocating electrically operated toothbrush;**
 - **rotational reciprocating electrically operated toothbrush;**
- **vibratory electrically operated toothbrush.**

The different types are explained for information only, since the tests to be carried out are identical, except for **primary battery operated toothbrushes** and **rechargeable toothbrushes**.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62301, *Household electrical appliances – Measurement of standby power*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>