

STN	Elektrické zubné kefky Metódy merania funkčných vlastností	STN EN IEC 63174 36 1052
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Electrically operated toothbrushes - Methods for measuring the performance

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/22

Obsahuje: EN IEC 63174:2022, IEC 63174:2021

EUROPEAN STANDARD

EN IEC 63174

NORME EUROPÉENNE

EUROPÄISCHE NORM

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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Europäisches Komitee für Elektrotechnische Normung

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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 level by publication of an identical national standard or by endorsement (dop) 2022-10-03
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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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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	-



IEC 63174

Edition 1.0 2021-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE



Electrically operated toothbrushes – Methods for measuring the performance

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





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

INTERNATIONAL
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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.

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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*

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