

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

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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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://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*

## 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:

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