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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 45637-2025

**Electrically operated toothbrushes - Methods for measuring the
performance**

电动牙刷 性能测试方法

(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is equivalent to IEC 63174:2021 "Electric toothbrush performance test method".

1 Scope

This document applies to electric toothbrushes for cleaning teeth. Rechargeable electric toothbrushes for adults and children and dry battery electric toothbrushes Toothbrushes are within the scope of this document.

The test items involving performance indicators in this document are listed in Chapter 4.

This document only specifies the test method and does not set any limits.

Note: Electric toothbrushes are classified as follows.

According to the power supply method, it is divided into the following types.

---Dry-cell battery powered electric toothbrush.

---Rechargeable electric toothbrush.

- Wireless rechargeable electric toothbrush;

- Corded rechargeable electric toothbrush.

According to the movement mode, it is divided into the following types.

---Rotary electric toothbrush.

---Reciprocating electric toothbrush.

- Linear reciprocating electric toothbrush;

- Rotary reciprocating electric toothbrush.

---Vibrating electric toothbrush.

The classification of different types of toothbrushes is for reference only.

Other than that, the tests were identical for all other types of electric toothbrushes.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document. standby power

Note: GB/T 35758-2017 Measurement method for standby power of household appliances (IEC 62301:2011, IDT)

3 Terms and definitions

The following terms and definitions apply to this document.

ISO and IEC maintain terminology databases to facilitate standardization work. The specific websites are as follows.

3.1

The brush head has filaments and is a handheld electric appliance mainly used for cleaning teeth by reciprocating, rotating or vibrating.