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

GB/T 4214.21-2025

**Test method for noise of household and similar electrical
appliances - Part 21: Particular requirements for oral hygiene
appliances**

家用和类似用途电器噪声测试方法 第21部分：口腔卫生器具的特殊要求

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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 Part 21 of GB/T 4214 "Test methods for noise from household and similar electrical appliances". GB/T 4214 has been published. The following parts.

- General requirements (GB/T 4214.1);
- Particular requirements for vacuum cleaners (GB/T 4214.2);
- Special requirements for dishwashers (GB/T 4214.3);
- Particular requirements for washing machines and centrifugal extractors (GB/T 4214.4);
- Particular requirements for electric shavers, electric hair clippers and hair trimmers (GB/T 4214.5);
- Particular requirements for hair care appliances (GB/T 4214.6);
- Particular requirements for tumble dryers (GB/T 4214.7);
- Particular requirements for electric ranges, ovens, grills, microwave ovens and their combination appliances (GB/T 4214.8);
- Special requirements for fans (GB/T 4214.9);
- Procedure for determining and verifying the stated value of noise (GB/T 4214.10);
- Particular requirements for electric food processing appliances (GB/T 4214.11);

- Special requirements for fan heaters (GB/T 4214.12);
- Particular requirements for range hoods and other cooking fume extraction devices (GB/T 4214.13);
- Particular requirements for refrigerators, frozen food storage containers and food freezers (GB/T 4214.14);
- Special requirements for thermal storage room heaters (GB/T 4214.15);
- Special requirements for food waste disposers (GB/T 4214.16);
- Special requirements for dry cleaning robots (GB/T 4214.17);
- Special requirements for washer-dryers (GB/T 4214.18);
- Particular requirements for oral hygiene appliances (GB/T 4214.21).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by China Light Industry Federation.

This document is under the jurisdiction of the National Technical Committee for Standardization of Household Electrical Appliances (SAC/TC46).

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Introduction

GB/T 4214 "Test methods for noise from household and similar electrical appliances" series of standards adopts IEC 60704 series of standards or independently developed. It is planned to consist of the following parts.

- General requirements (GB/T 4214.1). The purpose is to provide general requirements for noise test methods for various products.

- Special requirements for vacuum cleaners (GB/T 4214.2). The purpose is to put forward special requirements for the noise test method of vacuum cleaners. Require.
- Special requirements for dishwashers (GB/T 4214.3). The purpose is to put forward special requirements for the noise test method of dishwashers.
- Particular requirements for washing machines and centrifugal dehydrators (GB/T 4214.4). The purpose is to Special requirements are placed on acoustic testing methods.
- Special requirements for electric shavers, electric hair clippers and hair trimmers (GB/T 4214.5). The purpose is to Special requirements are put forward for the noise test method of hair clippers and trimmers.
- Particular requirements for hair care appliances (GB/T 4214.6). The purpose is to put forward special requirements for the noise test method of hair care appliances. Special requirements.
- Special requirements for tumble dryers (GB/T 4214.7). The purpose is to propose special noise test methods for tumble dryers. Special requirements.
- Particular requirements for electric ranges, ovens, grills, microwave ovens and their combination appliances (GB/T 4214.8).
Special requirements are put forward for the noise test methods of grills, microwave ovens and their combination appliances.
- Special requirements for fans (GB/T 4214.9). The purpose is to put forward special requirements for the noise test method of fans.
- Procedure for determining and verifying the declared value of noise (GB/T 4214.10). The purpose is to provide procedures for determining and verifying the declared value of noise for all products.

General requirements for indication.

- Particular requirements for electric food processing appliances (GB/T 4214.11). The purpose is to test the noise of electric food processing appliances The method makes special requirements.
- Special requirements for fan heaters (GB/T 4214.12). The purpose is to propose a noise test method for fan heaters. Special requirements.
- Particular requirements for range hoods and other cooking fume extraction devices (GB/T 4214.13). The purpose is to He puts forward special requirements for the noise test method of cooking smoke suction and exhaust devices.
- Particular requirements for refrigerators, frozen food storage containers and food freezers (GB/T 4214.14).

Special requirements are put forward for the noise test methods of frozen food storage boxes and food freezers.

- Special requirements for thermal storage room heaters (GB/T 4214.15). The purpose is to test the noise of thermal storage room heaters.

The method makes special requirements.

- Special requirements for waste food disposers (GB/T 4214.16). The purpose is to test the noise of waste food disposers Make special requests.

- Special requirements for dry cleaning robots (GB/T 4214.17). The purpose is to test the noise of dry cleaning robots Make special requests.

- Special requirements for washer-dryers (GB/T 4214.18). The purpose is to put forward special requirements for the noise test method of washer-dryers. Require.

- Special requirements for humidifiers. The purpose is to put forward special requirements for the noise test method of humidifiers.

- Special requirements for room air conditioners. The purpose is to put forward special requirements for the noise test method of room air conditioners.

- Special requirements for oral hygiene appliances (GB/T 4214.21). The purpose is to propose a noise test method for oral hygiene appliances. Special requirements.

GB/T 4214.1-2017 adopts IEC 60704-1 2010 and is the common part of this series of standards.

2021 is equivalent to IEC 60704-3 2006, which provides a reference for the determination and verification of noise explicit values in other parts of the entire series of standards. in accordance with.

The "applicable" part of this document indicates that the corresponding provisions in GB/T 4214.1-2017 are applicable to this document;

For the part marked as "replaced", the provisions in this document shall prevail; for the part marked as "added" in this document, it means that in addition to complying with GB/T 4214.1- 2017, the provisions added in this document shall also be complied with; the part of this document marked as "modified" indicates that The corresponding provisions of GB/T 4214.1-2017 are modified.

Unless a note appears in a new sub-chapter or refers to a note in GB/T 4214.1-2017, the numbering of notes starts from 101 and includes Notes in the replaced section or subsection.

Test methods for noise from household and similar electrical appliances Part 21.Particular requirements for oral hygiene appliances