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

GB/T 26993-2025

Replacing GB/T 26993-2011

Filling and packaging machines for milk powder

奶粉定量充填包装机

Issued on: December 2, 2025

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**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 26993-2011 "Milk Powder Quantitative Filling and Packaging Machine". Compared with GB/T 26993-2011, the only changes are structural adjustments. Aside from editorial changes, the main technical changes are as follows:

---The term "package" has been changed to "finished product," and the definition has been revised (see 3.1,

3.2 of the 2011 edition);

---The terms and definitions of "actual content," "removable," "easy to disassemble," and "easy to clean" have been removed (see section

3.5 of the 2011 edition). 3.15,

---The model designation for bag packaging machines has been changed (see 4.1, 2011 version 4.1);

---The format and basic parameters have been changed (see 4.2, 2011 version 4.2);

---Working conditions have been improved (see 4.3);

---General requirements for adding network and data interfaces, data security, backup and restore, operation logs and exception recording, easy-tear opening, etc. (See

5.1.6 to 5.1.10);

---Performance requirements have been changed (see 5.2, version

---The IP protection level has been changed (see 5.3.6, version

5.3.5 from 2011);

1 Scope

GB/T 26993-2025 is the Chinese national standard covering the machine that fills a tin or a sachet of milk powder - the dosing accuracy and its verification, the nitrogen flushing and the seal integrity, and the cleanability of everything the powder touches in a product that cannot be pasteurised after packing. Issued on 2 December 2025, it has been in force since 1 July 2026, replacing GB/T 26993-2011.

JJF1070 Rules for Measurement and Inspection of Net Content of Prepackaged Commodities

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 191 Pictorial Symbols for Packaging and Storage

GB 2894 Safety Colors and Safety Signs

GB/T 4208-2017 Degrees of protection provided by enclosures (IP code)

GB/T 5226.1-2019 Electrical Safety of Machinery - Electrical Equipment of Machinery - Part

GB/T 13384 General Technical Requirements for Packaging of Mechanical and Electrical Products

GB/T 14251-2017 General Technical Requirements for Metal Containers for Canned Food

GB 15179 Food Machinery Lubricating Grease

GB/T 15706 General Principles for Safety Design of Machinery. Risk Assessment and Risk Reduction

GB 16798 Safety Requirements for Food Machinery

GB/T 19891 Hygienic requirements for mechanical safety and mechanical design

GB/T 21302 General Rules for Composite Films and Bags for Packaging

GB/T 23820 Hygienic requirements for lubricants that may accidentally come into contact with products - Mechanical safety

GB/T 23821 Safety of Machinery - Safe Distances to Prevent Upper and Lower Limbs from Touching Dangerous Areas

GB/T 38460-2020 Multi-row strip bag packaging production line

GB/T 42010 Quality Requirements for Packaging Containers - Milk Powder Cans

JB/T 7232 Simplified Method for Determining the Sound Power Level of Packaging Machinery Noise

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