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

**GB/T 28013-2011**

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**Discontinuous totalizing automatic weighing instruments**

非连续累计自动衡器

**(English Translation)**

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## Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard uses redrafted law revision adopts the International Organization of Legal Metrology No. 107 international recommendations OIMLR107-1.2007 "Discontinuous the standard lists the reg number and OIMLR107-1 in Appendix B. List of 2007 write control clauses.

OIMLR107.2007 is a measurement procedure, which has been prepared and is not suitable for this part of the standard adopted. To this end, this standard the preparation, according to GB/T 1.1-2009 "Standardization Guide Part 1. Standard structure and writing rules" and

GB/T 20000.2-2009. the relevant provisions of "Standardization Guide Part 2 rules of international standards," the following modifications.

- To increase the content of Chapter 2, "Normative documents";
- Increased in Chapter 4 products "Product Specification" content;
- 5.2.9 adds "carrier" requirements;
- 5.3.3 adds "security requirements" requirement;
- 5.3.4 adds "load cell" requirements;
- 5.3.5 adds "Weighing Indicator" requirements;
- Remove OIMLR107.2007 Chapter 5, "Measurement Control" in the "initial verification", "subsequent verification", "use test" relevant content;
- Increased Chapter 8, "factory inspection" of the content;
- Increased Chapter 9 "logo, packaging, transport and storage" content;
- Deleted OIMLR107-1 "Appendix A" in A.2 "initial verification checks";
- Add and edit content in a standard text of the provisions relating to the margin of a single vertical line identification;
- Gives a list of these technical differences and their causes in Appendix B for reference.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

The standard proposed by China National Light Industry Council.

This standard by the National Standardization Technical Committee instrument (SAC/TC97) centralized.

## 1 Scope

This standard specifies the non-continuous totalizing automatic weighing instruments (cumulative hopper scales, hereinafter referred to as the instrument) requirements, test methods, evaluation type, factory inspection, marking, packaging, transportation and storage.

This standard applies to carrier having a hopper, divided by the number of bulk material detachment load, followed by weighing each load separation quality, Cumulative weighing results, and the detachment load discharged scales.

This standard does not apply to the following types of instrument.

--- "Dynamic Weighing" type of instrument;

--- Preset by weighing the quality and number of cycles to be the product of a constant load of accumulated weighing bulk materials.

## 2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs (GB/T 191-2008, ISO 780:1997, MOD) GB/T 2423.1 Environmental testing for electric and electronic products Part 2. Test methods Test A. Cold (GB/T 2423.1-2008, IEC 60068-2-1:2007, IDT) GB/T 2423.2 Environmental testing for electric and electronic products Part 2. Test methods Test B. Dry heat (GB/T 2423.2-2008, IEC 60068-2-2:2007, IDT) GB/T 2423.3 Environmental testing for electric and electronic products Part 2. Test methods - Test Cab. Damp heat test method GB/T 2423.3-2006, IEC 60068-2-78:2001, IDT) GB/T 2424.1 electric and electronic products environmental testing high temperature and low temperature tests (GB/T 2424.1-2005, IEC 60068-3-1. 1974, IDT) GB/T 2424.2 electric and electronic products environmental testing for damp heat tests (GB/T 2424.2-2005, IEC 60068-3-4.

2001, IDT)

GB/T 2887 computer sites generic specification GB/T 7551 load cell GB/T 7724 weighing display controller GB/T 8923 steel surface before painting Rust grades and grade GB/T 13384 mechanical and electrical products packaging General technical conditions GB 14249.1 electronic weighing security requirements GB/T 14250 Weighing term GB/T 15395 General technical conditions of the electronic equipment cabinet GB/T 17214.2 industrial process measurement and control equipment operating conditions - Part 2. Power (GB/T 17214.2-2005, IEC 60654-2. 1979, IDT) GB/T 17626.1 Electromagnetic compatibility Testing and measurement techniques - Overview of immunity tests (GB/T 17626.1-2006, IEC 61000-4-1:2000, IDT) GB/T 17626.2 Electromagnetic compatibility Testing and measurement techniques - Electrostatic discharge immunity test (GB/T 17626.2-2006,