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JB

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

JB 20013-2004

Replacing JB/T 20013-2004

**Double conic rotary vacuum dryer
(English Translation)**

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009 "Standardization Guideline Part 1. Standard Structure and Compilation". Correct JB 20013-2004 "Double-cone rotary vacuum dryer" was revised.

This standard replaces JB 20013-2004 "Double-cone rotary vacuum dryer".

Compared with JB 20013-2004, this standard changes the main technical contents except for editorial changes.

a) Removed the following terms from JB 20013-2004.

--- Removed 3, 4.1, 4.2, 6.1.2, 6.2.7, 6.5.1, 7.1.2.

b) Revised the following terms in JB 20013-2004.

--- Revised the normative reference documents and related contents cited by the current standards;

--- Revised material requirements (see 4.2; 2004 version 6.1.1, 6.1.3);

--- Revised the noise indicator (see 4.4.8; 2004 version 6.3.3);

--- Revised the drying strength index and test method (see 4.4.9, 5.4.9, Appendix B, 2004 edition 6.3.2, 7.3.2).

c) Added the following terms.

--- Increased dryer speed index and test method (see 4.4.2, 5.4.2);

--- Increased the safety requirements and test methods for steam inlets of dryers using steam as a heat source (see 4.4.3, 5.4.3);

--- Increased display and display error range and test method for drying chamber temperature (see 4.4.6, 5.4.6);

--- Increased the average temperature index and test method of the outer surface of the

dryer (see 4.4.7, 5.4.7);

--- Increased the load performance index and test method of the dryer (see 4.4.9, 5.4.9, Appendix A).

This standard was proposed by the China Pharmaceutical Equipment Industry Association.

This standard is under the jurisdiction of the National Pharmaceutical Equipment Standardization Technical Committee (SAC/TC356).

This standard was drafted. Changzhou One-Step Drying Equipment Co., Ltd., Baoji Loyal Pharmaceutical Machinery Co., Ltd.

1 Scope

This standard specifies the classification and marking, requirements, test methods, inspection rules, signs, instructions for use, and the instructions for the double-cone rotary vacuum dryer.

Packaging, transportation and storage.

This standard applies to double cone rotary vacuum dryer (hereinafter referred to as dryer) with steam or hot water as heating source.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 150.1~150.4-2011 Pressure vessel GB/T 191 packaging storage and transportation icon GB 3836.1-2010 Electrical equipment for explosive atmospheres - Part 1. General requirements General rules for GB/T 4272 equipment and pipeline insulation technology GB 5226.1-2008 Mechanical electrical safety machinery and electrical equipment - Part 1. General technical conditions GB/T 6388 transport packaging receipt and delivery mark GB/T 9969 General guidelines for the use of industrial products GB/T 10111 Generation of Random Numbers and Its Application in Product Quality Sampling Inspection GB 12158-2006 General Guidelines for Preventing Electrostatic Accidents GB/T 13306 signage General technical conditions for GB/T 13384 mechanical and electrical product packaging GB/T 16769 metal cutting machine noise noise level measurement method GB/T 24342-2009 Industrial machinery electrical equipment protective earthing circuit continuity test specification JB/T 20188-2017 Pharmaceutical machinery product model preparation method TSG21-2016 Safety Regulations for Fixed Pressure Vessels

3.1 Model preparation

Prepared according to the provisions of JB/T 20188-2017.

Category code. API machinery and equipment Function code. drying machine SZ Type
code. double cone rotary Specification code. dry room nominal volume (L)