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

GB/T 7779-2018

Centrifuges - Model designation

离心机 型号编制方法

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 7779-2005 "Centrifuge Model Preparation Method". Compared with GB/T 7779-2005, except for editorial repair The main technical changes changed are as follows:

--- Added "Chapter

3 Terms and Definitions" (see Chapter 3);

--- Combine the "three-legged centrifuge" with the "flat-plate centrifuge" (see Table 1, Table 1 of the.2005 edition);

--- Turn bag centrifuge feature code "dry type" changed to "pressurized type" (see Table 1, Table 1 of the.2005 version);

--- Centrifugal discharge centrifuge to increase the characteristic code "variable spiral" (see Table 1, Table 1 of the.2005 edition);

--- Separate the sedimentation type and the filter type in the screw discharge centrifuge, and separate the code numbers belonging to the two types of models in the characteristic code, and delete the double Cone, magnetic drum, press and dry type code (see Table 1, Table 1 of the.2005 edition);

--- Adding Hastelloy to some materials in contact with the material (see Table 2, Table 1 of the.2005 edition). This standard was proposed by the China Machinery Industry Federation. This standard is under the jurisdiction of the National Separation Machinery Standardization Technical Committee (SAC/TC92). This standard is drafted by: Hefei General Machinery Research Institute, Jiangsu Huada Centrifuge Manufacturing Co., Ltd., Haishen Electromechanical General Factory (Xiangshan). The main drafters of this standard. Zhou Jin, Xu Changhong, Huang Jianzhong, Li Zhenwei, Zhang Deyou. The previous versions of the standards replaced by this standard are.

---GB/T 7779-1987, GB/T 7779-2005. Centrifuge model preparation method

1 Scope

China's national model designation system for industrial centrifuges. A centrifuge separates solids from liquids by spinning them, and the machines that do it are extraordinarily varied - basket, peeler, pusher, decanter and disc types, each in several drive and discharge arrangements, sized by bowl diameter and rated by the acceleration they generate. A buyer choosing between them is choosing among machines that do superficially the same thing at completely different capital costs and for different duties. A model designation is what makes that field navigable: it encodes the type, the principal dimension and the significant construction features into a code, so that a machine can be identified from its designation alone in a catalogue, a purchase order, a maintenance record or a spare parts list. That is worth more than it sounds for equipment that stays in a plant for thirty years. The standard specifies the model preparation method for industrial centrifuges, excluding laboratory tube centrifuges.

This standard specifies the model preparation method for industrial centrifuges (excluding test tube centrifuges). This standard applies to the preparation of industrial centrifuge models.

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 4774 Filtering and Separating Terminology

3 Terms and definitions

The terms and definitions defined in GB/T 4774 apply to this document.

4 Preparation method

4.1 The centrifuge product name consists of the model code and the Chinese name.

4.2 The Chinese name of the centrifuge shall conform to the provisions of GB/T 4774, and the model code shall be representative of the uppercase Chinese Pinyin in the Chinese name. The letter indicates.

4.3 The model of the centrifuge consists of four parts. the basic code, the characteristic code, the main parameter, the material part of the drum and the separated material. With The body representation is as follows:

4.4 The basic code of the centrifuge model is compiled according to the classification principle of category, type and characteristics. Both the basic code and the feature code are in the name. Representative uppercase Chinese pinyin letters.

4.5 The characteristic code in the centrifuge model is optional. When the centrifuge has multiple characteristics, choose the most representative characteristic representation.

4.6 The main parameters of the centrifuge model are indicated by Arabic numerals.

4.7 The basic code, characteristic code and main parameters of the centrifuge model shall comply with the requirements of Table 1.