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

GB/T 9238-2010

Replacing GB/T 9238-1998

**Symbols for balancing machines and associated
instrumentation**

平衡机及其仪器仪表用图形符号

(English Translation)

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Foreword

This revised standard adopts the International Standard ISO 3719:1994 "Mechanical vibration - Balancing machines and instruments with graphic symbols" (in English).

This standard and ISO 3719:1994 as compared to, editorial changes as follows.

- Deleted the ISO foreword, and rewrite the foreword of this standard;
- Use the "standard" word instead of "this International Standard";
- Chapter 2 international standard "Normative documents" referenced been transformed into our standards, so the standard is in Chapter 2, "Specifications Sexual references "in direct reference to the latest version of these international standards corresponding to the standards of China;
- Deleted the Chapter 3 of the Notes;
- Remove the ISO 3719:1994 Appendix C "is equivalent to the term" (German, Italian and Japanese correspondence terminology);
- Deleted French, Russian index, increased Chinese index.

This standard and ISO 3719:1994 as compared to, technical differences as follows.

- Delete references IEC 617-2. 1983, because this is not from the standard IEC 617-2. 1983 in the reference symbol;
- Modify the graphic symbols 6-19,6-20 and 7-12 and in this standard renumbered 6-21,6-22 and 7-15;
- Added "correcting plane angle" graphic symbols, this standard is numbered 6-06;
- Increased "in correction planes compensation" graphic symbols, in the present standard number 6-20;
- Increased "in correction planes" graphic symbols, this standard is numbered 7-03;

- Added "correcting plane angle" graphic symbols, this standard is numbered 7-06;
- Increased "in the correction plane unbalance" graphic symbols, this standard is numbered 7-09;
- Fixed the A-18 graphic symbols because the symbol does not match the name selected from the IEC 417 international standard;
- Remove the A-13, A-15, A-16, A-20, A-24 and A-25 symbol explanation;
- According to modify the contents of the English text indexing, the addition of graphical symbols for the relevant symbol numbers have been adjusted.

This standard is GB/T 9238-1998 "balancing machines and associated instrumentation graphical symbols" amendments.

This standard replaces GB/T 9238-1998.

This standard compared with GB/T 9238-1998, the main modifications are as follows.

- According to GB/T 1 series of standards prescribed rewrite this standard;
- Deleted the ISO foreword, and modify the original national standard foreword (1998 edition preface; foreword to this edition);
- Chapter 2, "Normative references" to modify the language reference guide documents cited in the national standards of China's direct reference standard the latest version of the quasi-;
- Modified 4-23, 6-1 6-18, 7-1 ~ ~ 6-8, 6-14 7-11 and A-23 graphic symbols name (1998 edition, Chapter 4, Chapter 6, Section 7 and Appendix A; edition Chapter 4, Chapter 6, Section 7 and Appendix A);
- Revised three graphic symbols (the 1998 edition 6-19, 6-20 and 7-12; Excerpts 6-21, 6-22 and 7-15);
- An increase of five graphic symbols (Excerpts 6-06, 6-20, 7-03, 7-06 and 7-09);
- According to the text content modification of Chinese and English indexes.

Appendix A of this standard is a normative appendix, Appendix B is an informative annex.

The standard proposed by China Machinery Industry Federation.

This standard by the National Standardization Technical Committee tester (SAC/TC122) centralized.

1 Scope

This standard specifies the balancing machine, including the symbols used on the instrument balance. These symbols are on China's mechanical and electrical equipment

diagram Symbol supplement.

This standard applies to part of a balanced representation peer machines --- indicator and controller functions and purposes.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2298 Mechanical vibration and shock term (GB/T 2298-1991, neqISO 2041.1990)
GB/T 5465.2 Graphical symbols for electrical equipment - Part 2. Graphical symbols (GB/T 5465.2-2008, IEC 60417DB.

2007, IDT)

GB/T 6444 Mechanical vibration - Balancing vocabulary (GB/T 6444-2008, ISO 1925:2001, IDT) GB/T 16273.1 equipment - Graphical symbols - Part 1. Common symbols (GB/T 16273.1-2008, ISO 7000:2004, NEQ)

3 Terms and definitions, symbols

This standard adopts GB/T 2298 and GB/T 6444 terms and definitions.

All symbols of this standard (including computer peripherals symbols) are given in tabular form, and indicate the graphic symbols Chinese and English names. 16273 Appendix A gives selected from the GB/T 5465.2 and GB/T supplement graphical symbols and Appendix B Recommended colors are specified on color displays.

Graphic symbols of this standard shall be shown in the graphic representation of the right mirror or rotate the graphics do not meet this standard.

4 Basic symbols

No Graphic Symbol Name Description 4-01 End view of the rotor endviewofrotor ISO 7000-0566 4-02 Rotor side view (horizontal axis) sideviewofrotor (horizontalaxis) ISO 7000-1094