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Office furniture - Microcomputer desk

办公家具 电脑桌

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Office furniture - Microcomputer desk

1 Scope

This standard specifies the terms and definitions, classification and nomenclature, requirements, test methods, inspection rules, signs, instructions for use, packaging, transportation, storage of microcomputer desks.

This standard is applicable to independent, movable microcomputer desks, which are made of wood, metal, glass and other materials, for placing and operating desktop computers, in office or home places. The microcomputer desks, which are made by other materials AND specially designed for notebook computers, may make reference to this standard.

This standard does not apply to foldable, portable microcomputer desks or furniture, that is integrated with other furniture or facilities AND has the function of operating a computer.

2 Normative references

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) is applicable to this standard.

GB/T 191 Packaging - Pictorial marking for handling of goods

GB/T 2828.1-2003 Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

GB/T 3324-2008 Wooden furniture - General technical requirements

GB/T 3325-2008 Metal furniture - General technical requirements

GB 5296.6 Instructions for use of products of consumer interest - Part 6: furniture

GB/T 10357.1-1989 Test of mechanical properties of furniture - Strength and durability of desks

GB/T 10357.5-1989 Test of mechanical properties of furniture - Strength and durability of storage units

GB/T 10357.7-1995 Test of mechanical properties of furniture - Stability of desks

GB 18584 Indoor decorating and refurbishing materials-limit of harmful substances of wood based furniture

3 Terms and definitions

The terms and definitions, which are defined in GB/T 3324 and GB/T 3325, as well as the following terms and definitions, apply to this document.

3.1

Keyboard bracket

A horizontal push-pull movable part, which is installed under the desktop, for placing and operating the keyboard.

3.2

Microcomputer support plate

A stand-alone component, which is used for placing the microcomputer AND whose base can be equipped with casters.

3.3

Printer bracket

A component, which is installed above the desktop, has fixed or position-adjustable stand, for placing printer.

4 Classification and naming

4.1 Classification by material

- a) Wooden microcomputer desk: The main component's material is wood or artificial wood material;
- b) Metal microcomputer desk: The main component's material is metal material;
- c) Steel-wood microcomputer desk: The main component's materials are wood or artificial wood materials and metal materials.

Mixed material microcomputer desk: The desktop, shelf or bracket is made of glass or other materials; the main frame parts are made of wood, metal or steel wood.

4.2 Classification by desktop height adjustment function

6.2 Determination of shape and position tolerances

It is carried out, according to the provisions of GB/T 3324-2008 or GB/T 3325-2008.

6.3 Visual inspection

It is carried out, according to the provisions of GB/T 3324-2008 or GB/T 3325-2008.

6.4 Structural inspection

Adopt manual and visual inspections.

6.5 Test of physical-chemical properties

6.5.1 Determination of wood moisture content

It is carried out, according to the provisions of GB/T 3324-2008.

6.5.2 Test of surface physical-chemical properties

It is carried out, according to GB/T 3324-2008 or GB/T 3325-2008, as well as the provisions of Table 4.

6.6 Mechanical properties test

It is carried out, according to the provisions in Table 5.

6.7 Determination of limits of hazardous substances

It is carried out, according to the provisions of GB 18584.

7 Inspection rules

7.1 Inspection classification

Inspection is divided into exit-factory inspection and type inspection.

7.2 Exit-factory inspection

7.2.1 Exit-factory inspection items

The exit-factory inspection items are 5.1 ~ 5.4 and 5.5.1.1 in Chapter 5.

7.2.2 Sampling and group-batching rules

The exit-factory inspection shall be for all products. Due to the large batch size, if it is difficult to carry out the 100% inspection, the sampling inspection can be carried out. The sampling inspection method is based on the provisions of GB/T 2828.1-2003, using

- b) After the official production, if there are major changes in structure, material, process, which may affect the performance of the product;
- c) During normal production, an inspection shall be carried out periodically or after accumulating a certain amount of output; the inspection period is generally one year;
- d) When the production is resumed, after long-term suspension;
- e) When there is a big difference between the exit-factory inspection result and the last type inspection;
- f) When the national quality supervision agency puts forward the requirements for type inspection.

7.3.3 Sampling rules

In an inspection cycle, 2 samples are randomly selected from the recently produced products, wherein 1 is sent for inspection and 1 is sealed for retention.

7.3.4 Judgment of type inspection results

The judgement shall be carried out, according to the provisions of 7.2.3.1.

8 Marking, instruction for use, packaging, transportation, storage

8.1 Marking

8.1.1 The product marking shall at least include the following contents: product name, desk height grade or height adjustable range, name of main materials, implemented standard number, inspection certificate, production date or batch number, Chinese manufacturer's name, address.

8.1.2 The pictorial signs of packaging shall comply with the provisions of GB/T 191.

8.2 Instructions for use

The preparation of product's instructions for use shall be in accordance with the provisions of GB 5296.6; the content shall at least include:

- a) Product name, desk height grade or height adjustable range;
- b) The main dimensions of the product and the dimensions of the microcomputer bracket;

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