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

GB/T 22063-2018

Replacing GB/T 22063-2008

Microscopes -- Interfacing connection type C

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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 22063-2008 "Microscope C-type interface". The main changes compared with GB/T 22063-2008 are as follows.

--- Added Chapter 2 normative references;

--- The terminology in Chapter 2 of the original standard is a specification of terms, with the addition of "components" at the end of the term.

This standard uses the redrafting method to modify the use of ISO 10935.2009 "microscope C-type interface."

There are technical differences between this standard and ISO 10935.2009, and the terms involved in these differences have been passed through the margins on the outer side of the page.

The vertical single line (|) is marked.

The main technical differences between this standard and ISO 10935.2009 are as follows.

---About the normative reference documents, this part has made technical adjustments to adapt to China's technical conditions, specific

The national standards are as follows.

* Removed ISO 263.1973;

* Replace ISO 10934-1 with GB/T 27668.1 modified to international standards.

--- Delete the description in Figure 1, Figure 2, the description will be directly marked on Figure 1 and Figure 2, in line with China's optical mapping requirements.

--- Removed the "open size" annotation in Figure 1 of Chapter 4 to increase operability.

This standard was proposed by the China Machinery Industry Federation.

This standard is under the jurisdiction of the National Optical and Photonics Standardization Technical Committee (SAC/TC103).

This standard is mainly drafted by. Ningbo Teaching Instrument Co., Ltd., Shanghai Institute of Technology, Ningbo Zhanjing Optical Instrument Co., Ltd., Nanjing

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Bohuaguang Precision Instrument Co., Ltd.

1 Scope

This standard specifies the thread size and initial image of the C-type interface that connects the microscope imaging exit (except for the single-tube or binocular tube).

position.

This standard applies to microscopes other than monocular or binocular tubes.

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 27668.1 Microscopy terminology Part 1. Optical microscopy (GB/T 27668.1-2011, ISO 10934-1.2002,

MOD)

3 Terms and definitions

The following terms and definitions as defined in GB/T 27668.1 apply to this document.

3.1

Interface component malecomponent

Mount the components of the video or image adapter on the end face of the microscope imaging exit.

3.2

Matching component femalecomponent

Insert the component of the video or image adapter into the exit end of the microscope.

4 requirements

The dimensions of the interface components are shown in Figure 1; the dimensions of the mating components are shown in Figure 2.

The position of the first image plane is shown in Figures 1 and 2.

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