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

GB/T 36539-2018

Microscopes -- Information provided to the user

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 12853.2015 "Information provided by the microscope to the user".

The documents of our country that have a consistent correspondence with the international documents referenced in this standard are as follows.

---GB/T 22056-2008 Marking of microscope objectives and eyepieces (ISO 8578.1997, MOD).

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 was drafted. Zhangzhou Aoka Optical Instrument Co., Ltd., Shanghai University of Technology, Ningbo Teaching Instrument Co., Ltd., Ningbo Yongxin

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Co., Ltd., Ningbo Huaguang Precision Instrument Co., Ltd., Ningbo Haoyu Instrument Co., Ltd., Suzhou Yiguang Instrument Co., Ltd., Guiyang Xintianguang

Electric Technology Co., Ltd.

1 Scope

This standard specifies the minimum demand information provided by the microscope manufacturer to the user.

This standard does not apply to inverted microscopes, digital microscopes, and modern

technology microscopes.

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.

ISO 8578 Microscopes-Marking of objectives and eyepieces

3.1 Basic information

(m) Represents the necessary information for the microscope assembly characteristics provided by the manufacturer. (r) indicates recommended information provided by the manufacturer, but not necessarily

Required.

3.1.2 (r) Application areas

For example. colleges and majors, teaching experiments, research, industry, etc.

3.1.3 (m) Imaging and illumination methods

For example. transmitted light, reflected light, bright field, dark field, phase contrast, differential interference, polarized light, fluorescence, and the like.

3.1.4 (r) Accessories

For example. an imaging device, an optional light source, a controller, a photometric device, an image processing device, a photographing device, and the like.

3.2.1.1 (m) Optical system type

For example. limited distance, infinity.