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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

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GB/T 22062-2020

Replacing GB/T 22062-2008

Microscopes - Graticules for eyepieces

显微镜 目镜分划板

(ISO 9344:2016, NEQ)

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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 22062-2008 “Microscopes - Graticules for oculars”. Compared with GB/T 22062-2008, the main technical changes in this Standard are as follows:

- added the dimensions of Type I graticule in Table 1 (see 3.1 of this Edition);
- added the content of reference standard in Table 2 (see 3.2 of this Edition);
- deleted the footnote f in Table 2 (see 3.2 of Edition 2008).

This Part uses redrafting method to modify and adopt ISO 9344:2016 “Microscopes - Graticules for eyepieces”. The degree of consistency with ISO 9344:2016 is non-equivalent.

This Standard was proposed by China Machinery Industry Federation.

This Standard shall be under the jurisdiction of National Technical Committee on Optics and Photonics of Standardization Administration of China (SAC/TC 103).

The drafting organizations of this Standard: Ningbo Zhanjing Optical Instrument Co., Ltd., Wuzhou Oka Optical Instrument Co., Ltd., Nanjing Donglilai Photoelectric Industrial Co., Ltd., University of Shanghai for Science and Technology, Ningbo Yongxin Optical Co., Ltd., Ningbo Teaching Instrument Co., Ltd., McAudi Industrial Group, Guangzhou Yuexian Optical Instrument Co., Ltd., Ningbo Sunny Instrument Co., Ltd., Nanjing Jiangnan Yongxin Optical Co., Ltd., Ningbo Huaguang Precision Instrument Co., Ltd.

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Version of standard substituted by this Standard is:

- GB/T 22062-2008.

Microscopes - Graticules for eyepieces

1 Scope

This Standard specifies the dimensions of cross graticule used for measurement and comparison in microscopes, inspection of allowable material defects and faults, marking requirements as well as marks.

This Standard is applicable to changeable various types of graticule glass plates in microscopes.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 1185-2006, *Surface imperfections of optical elements*

GB/T 11162, *General specification of optical components for the scale and surface defects*

3 Requirements

3.1 Dimensions

See Table 1 for the dimensions of Type I and Type II graticules.

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