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NATIONAL METROLOGY TECHNICAL SPECIFICATION OF THE PEOPLE'S REPUBLIC OF CHINA

# JJF 1402-2013

# Calibration Specification for Biological Microscopes

生物显微镜校准规范

(English Translation)

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## Introduction

JJF 1402-2013 "biological microscope calibration specification" (hereinafter referred to as "the Rules") for biological microscopes Calibration measurement established technical specifications. Preparation of this specification to JJF 1071-2010 "national measurement calibration specifications prepared by Regulation Then ", JJF 1001-2011" common measurement terms and definitions "and JJF 1059.1-2012" Measurement Uncertainty assessment and given that "as the basis and foundation. This specification is the main reference standard GB/T 2985-2008 "biological microscope." this specification is the first release.

Biological microscope calibration specifications

1 Scope

This standard applies to biological microscope calibration.



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## 2. References

This specification references the following documents.

GB/T 2985-2008 Microscope for dated references, only the dated edition applies to this specification; undated reference documents Member, the latest edition (including any amendments) applies to this specification.

## 3 Overview

Microscope (hereinafter referred to as the "microscope") is an observation and measurement of biological chips, biological cells, bacteria Measuring the size of the structure, as well as for the living tissue culture, liquid precipitation amount, powder and fine particles size and other parameters the amount of the instrument. Mainly by the eyepiece, an objective lens, a stage and a mirror (or built-in light and a condenser lens), etc., have Microscope with an illumination portion (condenser), replace the role of the reflector.

When used, the object to be measured on the microscope stage, adjust the position of the stage by focusing hand wheel, make things Body microscope eyepiece reticle into a clear image, in order to observe and measure.

Structured into microscope monocular microscope and binocular microscope use is divided into universal microscope, laboratory and research Study with a microscope. Specific structure shown in Figure 1, Figure 2.

Figure 1 monocular microscope structure Figure 2 binocular microscope Chart

1- eyepiece; 2- eyepiece; 3- nosepiece and the objective lens; 4- stage;

5- lighting or mirror; 6- focusing hand wheel 1- eyepiece; 2- eyepiece; 3- nosepiece and the objective lens; 4- stage;

5- lighting or mirror; 6- move the stage button; 7- focusing hand wheel



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