

Indian Standard

SPECIFICATION FOR PATHOLOGICAL MICROSCOPE

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 24 November 1967, after the draft finalized by the Optical and Mathematical Instruments Sectional Committee had been approved by the Mechanical Engineering Division Council.

0.2 This standard deals with the requirements of pathological microscope used as a clinical instrument for identification and study of microscopic pathological specimens.

0.3 This standard is one of a series of Indian Standards on microscopes. Other standards published so far in the series are:

- | | |
|----------------|--|
| IS : 3081-1965 | Dimensions and marking of general purposes microscopes |
| IS : 3099-1965 | Specification for slides and cover slips for microscopes |
| IS : 3686-1966 | Specification for student type microscope |
| IS : 4328-1967 | Specification for monocular dissecting microscope |
| IS : 4329-1967 | Specification for measuring (travelling) microscope |

0.3.1 A separate standard dealing with the research microscope is also under preparation.

0.4 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard covers the general and functional requirements of the monocular pathological type of microscope.