

**BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY**

(Not to be reproduced without permission of BIS or used as an Indian Standard)

भारतीय मानक
प्रकाशिकी और फोटोनिक्स —
मेडिकल एंडोस्कोप और एंडोथेरेपी उपकरण —
भाग 5: डेटर्मिनेशन ऑफ़ ऑप्टिकल रेसोलुशन ऑफ़
रिजिड एंडोस्कोपस विथ ऑप्टिक्स

Indian Standard
**Optics and photonics —
Medical endoscopes and endotherapy devices —
Part 5: Determination of optical resolution of
rigid endoscopes with optics**

ICS 11.040.55

Surgical Instruments Sectional Committee, MHD 01

Last Date for comments:
15 April 2024

NATIONAL FOREWORD

(Adoption clause will be added later)

The text of ISO standard may be approved as suitable for publication as Indian Standard without deviations. Certain conventions are, however, not identical to those used in the Indian Standards. Attention is particularly drawn to the following:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 15529:2010, Optics and photonics — Optical transfer function — Principles of measurement of modulation transfer function (MTF) of sampled imaging systems	IS/ISO 15529: 2010 Optics and photonics - Optical transfer function - Principles of measurement of modulation transfer function (MTF) of sampled imaging systems	Identical

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 9334	Optics and photonics — Optical transfer function — Definitions and mathematical relationships
ISO 12233:2017	Photography — Electronic still picture imaging — Resolution and spatial frequency responses

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: 2022** 'Rules for rounding off numerical values (*Second Revision*)'.

Note: The technical content of the draft is not available on website. For details, please refer to ISO 8600-5 or contact: Head (MHD)

Bureau of Indian Standards

Manak Bhawan

9 Bahadur Shah Zafar Marg

New Delhi 110002

Email: mhd@bis.gov.in; hmhd@bis.gov.in