



**International  
Standard**

**ISO 18221**

**Microscopes — Microscopes  
with digital imaging displays —  
Information provided to the user  
regarding imaging performance**

*Microscopes — Microscopes avec écrans d'affichage numérique  
— Informations fournies à l'utilisateur concernant la  
performance d'affichage*

**Second edition  
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## Foreword

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This document was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 5, *Microscopes and endoscopes*.

This second edition cancels and replaces the first edition (ISO 18221:2016), which has been technically revised.

The main changes are as follows:

- addition of formula expression to [8.1](#) and [8.2](#);
- addition of subclause [8.4](#) Pixel size in object space;
- addition of content to [Clause 9](#);
- revision of formula for depth of field in [Clause 9](#);
- addition of f) in [10.2](#);
- addition of content to [Tables A.1](#) to [A.5](#).

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