

ISO 10940:2009-08 (E)

Ophthalmic instruments - Fundus cameras

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Requirements	2
4.1	General	2
4.2	Optical properties	2
4.3	Construction and function	3
4.4	Optical radiation hazard with fundus cameras	3
5	Test methods for checking the optical properties	4
5.1	General	4
5.2	Test target arrangement	4
5.3	Checking the resolving power of the fundus camera optics	5
5.4	Checking the angular field of view	5
5.5	Checking the magnification of the image	5
5.6	Checking the pixel pitch of a sensor on the fundus	6
6	Accompanying documents	6
7	Marking	6
Annex A (normative) Guidance for the measurement and calculation of the light hazard related values		7
Annex B (informative) Guidance for safe use of the fundus camera		12