DIN EN ISO 18369-3:2006-11 (E)

Ophthalmic optics - Contact lenses - Part 3: Measurement methods (ISO 18369-3:2006)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Methods of measurement for contact lenses 5
4.1 Radius of curvature 5
4.2 Back vertex power 18
4.3 Diameters and widths 20
4.4 Thickness 26
4.5 Inspection of edges, inclusions and surface imperfections 28
4.6 Determination of spectral and luminous transmittance 30
4.7 Saline solution for contact lens testing 32

5 Test report 34

Annex A (informative) Measurement of rigid contact lens curvature using interferometry 35

Annex B (informative) Determination of back vertex power of soft contact lenses immersed in saline using the Moiré deflectometer or Hartmann methods 37

Bibliography 41

Annex ZA (informative) A-deviations 42