

DIN ISO 9022-23:2024-11 (E)

Optics and photonics - Environmental test methods - Part 23: Low pressure combined with cold, ambient temperature and dry or damp heat (ISO 9022-23:2023)

Contents		Page
National foreword		3
National Annex NA (informative) Bibliography		5
Foreword		6
Introduction		7
1 Scope		8
2 Normative references		8
3 Terms and definitions		8
4 General information and test conditions		8
5 Conditioning		9
5.1 Conditioning method 45 — Low ambient pressure combined with ambient temperature.....		9
5.2 Conditioning method 46 — Low ambient pressure combined with dry heat.....		9
5.3 Conditioning method 47 — Low internal pressure combined with damp heat, pressure difference low.....		10
5.4 Conditioning method 48 — Low internal pressure combined with damp heat, pressure difference medium.....		11
5.5 Conditioning method 49 — Low internal pressure combined with damp heat, pressure difference high.....		12
5.6 Conditioning method 50 — Low ambient pressure combined with cold, including hoarfrost and dew.....		12
5.7 Conditioning method 51 — Low ambient pressure combined with cold, without hoarfrost and dew.....		12
6 Procedure		13
6.1 General.....		13
6.2 Procedure for conditioning method 45.....		13
6.3 Procedure for conditioning method 46.....		13
6.4 Procedure for conditioning method 47.....		14
6.4.1 Initial and final inspection.....		14
6.4.2 Preliminary test 1.....		14
6.4.3 Preliminary test 2.....		14
6.4.4 Condition 1.....		14
6.4.5 Conditions 2 and 3.....		14
6.5 Procedure for conditioning method 48.....		14
6.5.1 Initial and final inspection.....		14
6.5.2 Preliminary test.....		15
6.5.3 Condition 1.....		15
6.5.4 Conditions 2 and 3.....		15
6.6 Procedure for conditioning method 49.....		15
6.6.1 Initial and final inspection.....		15
6.6.2 Preliminary test.....		15
6.6.3 Conditions 3 and 4.....		15
6.7 Procedure for conditioning method 50.....		15
6.8 Procedure for conditioning method 51.....		16
7 Environmental test code		16
8 Specification		16
Annex A (informative) Explanatory notes		18
Bibliography		20