
**Optics and photonics —
Environmental test methods —**

**Part 1:
Definitions, extent of testing**

*Optique et photonique — Méthodes d'essais d'environnement —
Partie 1: Définitions, portée des essais*

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

	Page
Foreword	iv
Introduction	vi
1 Scope	1
2 Terms and definitions	1
3 Procedure	3
3.1 Test sequence.....	3
3.2 Preconditioning (specimen preparation).....	3
3.3 Initial test.....	3
3.4 Conditioning.....	3
3.5 Intermediate test (in state of operation 2 only).....	3
3.6 Recovery.....	3
3.7 Final test.....	3
3.8 Evaluation.....	4
4 Environmental test code	4
Annex A (informative) List of relevant parts of ISO 9022 and conditioning methods	5
Bibliography	7

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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The committee responsible for this document is ISO/TC 172, *Optics and photonics*, Subcommittee SC 1, *Fundamental standards*.

This third edition cancels and replaces the second edition (ISO 9022-1:2012), which has been revised to reflect the changes made to the ISO 9022 series.

ISO 9022 consists of the following parts, under the general title *Optics and photonics — Environmental test methods*:

- *Part 1: Definitions, extent of testing*
- *Part 2: Cold, heat and humidity*
- *Part 3: Mechanical stress*
- *Part 4: Salt mist*
- *Part 6: Dust*
- *Part 7: Resistance to drip or rain*
- *Part 8: High internal pressure, low internal pressure, immersion*
- *Part 9: Solar radiation and weathering*
- *Part 11: Mould growth*
- *Part 12: Contamination*
- *Part 14: Dew, hoarfrost, ice*
- *Part 17: Combined contamination, solar radiation*
- *Part 20: Humid atmosphere containing sulfur dioxide or hydrogen sulfide*

- *Part 22: Combined cold, dry heat or temperature change with bump or random vibration*
- *Part 23: Low pressure combined with cold, ambient temperature and dry or damp heat*

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