



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 12085.23-2026

**Optics and photonics - Environmental test methods - Part
23:Low pressure combined with cold, ambient temperature and
dry or damp heat**

光学和光子学 环境试验方法 第23部分：低压与低温、大气温度、高温或湿热综合试验

(English Translation)

Issued on: September 28, 2026

Implemented on: April 1, 2027

Issued by: SAMR; SAC

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1 Foreword

GB/T 12085.23-2026 was issued by SAMR; SAC on 28 September 2026 and has been in force since 1 April 2027.

It replaces the earlier edition GB/T 12085.23-2022.

It is one of 18 parts of the GB/T 12085 series.

2 About this standard

Issued by: SAMR; SAC

English translation: about 15 pages (approximate)

3 Related standards

Other parts of this standard:

GB/T 12085.1-2022 - Part 1: Definitions, extent of testing

GB/T 12085.2-2022 - Part 2: Cold, heat and humidity

GB/T 12085.3-2022 - Part 3: Mechanical stress

GB/T 12085.4-2022 - Part 4: Salt mist

GB/T 12085.6-2022 - Part 6: Dust

GB/T 12085.7-2022 - Part 7: Resistance to drip or rain

GB/T 12085.8-2022 - Part 8: High internal pressure, low internal pressure, immersion

GB/T 12085.9-2022 - Part 9: Solar radiation and weathering

GB/T 12085.11-2022 - Part 11: Mould growth

GB/T 12085.12-2022 - Part 12: Contamination

GB/T 12085.14-2022 - Optical and photonics - Environmental test methods - Part 14: Dew, hoarfrost, ice

GB/T 12085.17-2022 - Part 17: Combined contamination, solar radiation

GB/T 12085.18-2011 - Optics and optical instruments -- Environmental test methods -- Part 18: Combined damp heat and low internal pressure

GB/T 12085.19-2011 - Optics and optical instruments -- Environmental test methods -- Part 19: Combined damp heat and low internal pressure

GB/T 12085.20-2022 - Part 20: Humid atmosphere containing sulfur dioxide or hydrogen sulfide

GB/T 12085.21-2011 - Optics and optical instruments -- Environmental test methods -- Part 21: Combined low pressure and ambient temperature or dry heat

GB/T 12085.22-2022 - Part 22: Combined cold, dry heat or temperature change with bump or random vibration

Other editions:

GB/T 12085.23-2022 (earlier edition)

4 Classification and status

Prefix GB/T: recommended standard.