



**International
Standard**

ISO 24477

**Vacuum technology — Vacuum
gauges — Specifications, calibration
and measurement uncertainties for
spinning rotor gauges**

*Technique du vide — Manomètres à vide — Spécifications,
étalonnage et incertitudes de mesure pour manomètres à rotor*

**Second edition
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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 Terms related to components.....	2
3.2 Terms related to physical parameters.....	2
4 Symbols and abbreviated terms	4
5 Principle of a spinning rotor gauge	4
6 Specifications for spinning rotor gauge	5
6.1 Diameter and density of rotor.....	5
6.2 Materials of rotor and thimble.....	5
6.3 Connecting flange of thimble.....	6
6.4 Leak rate of thimble with flange.....	6
6.5 Suspension head positioning.....	6
6.6 Limits of rotor frequency.....	6
6.7 Warm-up period.....	6
6.8 Baking temperature.....	6
6.9 Measurement range.....	6
6.10 Sampling time.....	6
6.11 Internal volume.....	6
6.12 Interface and pin connections of controller.....	6
6.13 Dimensions and weights of suspension head and controller.....	6
6.14 Display and signal output.....	6
6.15 Nominal operating (environment) conditions.....	7
6.16 Storage and transportation conditions.....	7
6.17 Input power and electrical requirements.....	7
6.18 Number of display digits.....	7
7 Additional (optional) specifications for spinning rotor gauge	7
7.1 Long-term instability.....	7
7.2 Expected measurement uncertainty.....	7
7.3 Compatibility between a suspension head and a rotor.....	7
7.4 Inspection record and calibration certificate.....	7
7.5 Allowed vibration level.....	7
7.6 Cable length.....	8
7.7 Photograph.....	8
8 Calibration	8
8.1 Parameters to be calibrated.....	8
8.2 Calibration procedures.....	8
8.2.1 General.....	8
8.2.2 Calibration method A for $\sigma_{\text{eff},0}$	9
8.2.3 Calibration method B for $\sigma_{\text{eff},0}$	9
8.3 Calibration uncertainty.....	10
8.4 Calibration certificate.....	10
9 Measurement uncertainty at use	10
Bibliography	11

Foreword

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This document was prepared by Technical Committee ISO/TC 112, *Vacuum technology*.

This second edition cancels and replaces the first edition (ISO 24477:2022), which has been technically revised.

The main changes are as follows:

- 8.2.3 Calibration method B for $\sigma_{\text{eff},0}$ has been technically revised

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document complements ISO 3567 and ISO 27893 when characterizing, calibrating or using spinning rotor gauges (SRGs) as reference gauges.

SRGs are used to measure pressure in the high and medium vacuum. For the dissemination of the pressure scale and measurement of high and medium vacuum pressures by this gauge, the relevant parameters, calibration guidelines and uncertainties should be given, which are described in this document.

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