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Interested committees:

Title: Draft BS ISO 24477 Vacuum technology - Vacuum gauges - Specifications, calibration and measurement uncertainties for spinning rotor gauges.

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

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Submission of Comments

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



DRAFT International Standard

ISO/DIS 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*

ICS: 23.160

ISO/TC 112

Secretariat: **DIN**

Voting begins on:
2024-08-15

Voting terminates on:
2024-11-07

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Foreword

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

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.

This second edition cancels and replaces the first edition (ISO 24477:2022), of which it constitutes a technical revision. The changes compared to the previous edition are as follows:

- [8.2.3](#) Calibration method B for $\sigma_{\text{eff},0}$ has been technically revised