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Vacuum technology — Standard methods for measuring vacuum-pump performance —

Part 2: Positive displacement vacuum pumps

Technique du vide — Méthodes normalisées pour mesurer les performances des pompes à vide —

Partie 2: Pompes à vide volumétriques

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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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.

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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 21360-2:2012), of which it constitutes a minor revision. The changes compared to the previous edition are as follows:

— Note added to 3.2 and 3.3. The test report should contain the ambient conditions.

— In A.1.5, the formula has been corrected to $p_a = \frac{\varphi_{H_2O}}{100} p_S(T_1)$.

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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.

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Introduction

This document specifies methods for measuring the performance data of positive-displacement vacuum pumps. This document complements ISO 21360-1, which provides a general description of the measurement of performance data of vacuum pumps.

The methods described here are well known from existing national and International Standards. The aim in drafting this document was to collect together suitable methods for the measurement of performance data of positive-displacement vacuum pumps. This document takes precedence in the event of a conflict with ISO 21360-1.

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