

Irish Standard
I.S. EN IEC/ASTM 62885-7:2021

Surface cleaning appliances - Part 7: Drycleaning robots for household or similar use - Methods for measuring the performance

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I.S. EN IEC/ASTM 62885-7:2021

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This document is based on:

Published:

EN IEC/ASTM 62885-7:2021

2021-01-22

This document was published under the authority of the NSAI and comes into effect on:

ICS number:

97.080

2021-02-08

NOTE: If blank see CEN/CENELEC cover page

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I.S. EN IEC/ASTM 62885-7:2021 is the adopted Irish version of the European Document EN IEC/ASTM 62885-7:2021, Surface cleaning appliances - Part 7: Dry-cleaning robots for household or similar use - Methods for measuring the performance

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EN IEC/ASTM 62885-7

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2021

ICS 97.080

Supersedes EN 62929:2014 and all of its amendments and corrigenda (if any)

English Version

Surface cleaning appliances - Part 7: Dry-cleaning robots for household or similar use - Methods for measuring the performance (IEC/ASTM 62885-7:2020)

Appareils de nettoyage des sols - Partie 7 : Robots de nettoyage à sec à usage domestique ou analogue -Méthodes de mesure de l'aptitude à la fonction (IEC/ASTM 62885-7:2020) Geräte zur Oberflächenreinigung - Teil 7: Trocken-Reinigungsroboter für den Hausgebrauch und ähnliche Anwendungen - Verfahren zur Messung der Gebrauchseigenschaften (IEC/ASTM 62885-7:2020)

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EN IEC/ASTM 62885-7:2021 (E)

European foreword

The text of document 59F/393/FDIS, future IEC/ASTM 62885-7, prepared by SC 59F "Surface cleaning appliances" of IEC/TC 59 "Performance of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC/ASTM 62885-7:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2021-09-02 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the document have to be withdrawn

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IEC 60335-1:2010	NOTE	Harmonized as EN 60335-1:2012
IEC 60335-2-2:2019	NOTE	Harmonized as EN IEC 60335-2-2:—1 (not modified)
ISO 2768-1:1989	NOTE	Harmonized as EN 22768-1:1993 (not modified)

-

¹ To be published. Stage at the time of publication: prEN IEC 60335-2-2:2020.

EN IEC/ASTM 62885-7:2021 (E)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 62301	-	Household electrical appliances - Measurement of standby power	EN 50564	-
IEC/TS 62885-1	-	Surface cleaning appliances - Part 1: General requirements on test material and test equipment	-	-
IEC 62885-2	2016	Surface cleaning appliances - Part 2: Dry vacuum cleaners for household or similar use - Methods for measuring the performance	-	-
IEC 60704-1	-	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements	EN 60704-1	-
IEC 60704-2-17	-	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-17: Particular requirements for dry-cleaning robots	EN IEC 60704-2-17	-
ISO 554	-	Standard atmospheres for conditioning and/or testing - Specifications	-	-
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IEC/ASTM 62885-7

Edition 1.0 2020-10

INTERNATIONAL STANDARD



Surface cleaning appliances –
Part 7: Dry-cleaning robots for household or similar use – Methods for measuring the performance





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IEC/ASTM 62885-7

Edition 1.0 2020-10

INTERNATIONAL STANDARD



Surface cleaning appliances – Part 7: Dry-cleaning robots for household or similar use – Methods for measuring the performance

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ISBN 978-2-8322-8540-4

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SURFACE CLEANING APPLIANCES -

Part 7: Dry-cleaning robots for household or similar use – Methods for measuring the performance

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International Standard IEC/ASTM 62285-7 has been prepared by subcommittee 59F: Surface cleaning appliances, of IEC technical committee 59: Performance of household and similar electrical appliances, in co-operation with ASTM Committee F11: Vacuum cleaners, under the IEC/ASTM Dual Logo Agreement.

It is published as a dual logo standard.

This first edition of IEC/ASTM 62885-7 cancels and replaces IEC 62929:2014. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to IEC 62929:2014:

- a) the box test has been cancelled;
- b) the set of straight-line tests have been extended to contain also tests on removal of different kinds of debris both from hard floors and carpets;
- c) the set of straight-line tests also contains a test on the removal of fibres from carpets;

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- d) as a miscellaneous test, a method for the determination of energy consumption has been added:
- e) a separate clause on test material and equipment has been added.

The text of this International Standard is based on the following documents:

FDIS	Report on voting	
59F/393/FDIS	59F/401/RVD	

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

In this standard, the following print types are used:

- terms defined in Clause 3: bold type.

A list of all parts in the IEC 62885 series, published under the general title *Surface cleaning appliances*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- · withdrawn,
- · replaced by a revised edition, or
- amended.

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INTRODUCTION

In addition to the performance measurement methods that are included in this International Standard, a few more performance items have been reviewed and considered. The list of the performance items that have been discussed over time but have not yet been included comprises corner/edge dust pick-up, docking, fall-off prevention, and dust re-emissions.

The performance items that have been left out in this edition will be continuously reviewed and will soon be included in future editions of this document.

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SURFACE CLEANING APPLIANCES -

Part 7: Dry-cleaning robots for household or similar use – Methods for measuring the performance

1 Scope

This part of IEC 62885 is applicable to **dry-cleaning robots** for household use or under conditions similar to those in households.

The purpose of this document is to specify the essential performance characteristics of **dry-cleaning robots** that are of interest to users and to describe methods for measuring these characteristics.

This document is neither concerned with safety requirements nor with performance requirements.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62301, Household electrical appliances – Measurement of standby power

IEC TS 62885-1, Surface cleaning appliances – Part 1: General requirements on test material and test equipment

IEC 62885-2:2016, Surface cleaning appliances – Part 2: Dry vacuum cleaners for household or similar use – Methods for measuring the performance

IEC 60704-1, Household and similar electrical appliances –Test code for the determination of airborne acoustical noise – Part 1: General requirements

IEC 60704-2-17, Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-17: Particular requirements for dry cleaning robots

ISO 554, Standard atmospheres for conditioning and/or testing – Specifications

ISO 2813, Paints and varnishes – Determination of gloss value at 20 degrees, 60 degrees and 85 degrees

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 62885-2 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at http://www.electropedia.org/
- ISO Online browsing platform: available at http://www.iso.org/obp



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