PD IEC TS 62885-1:2020

BSI Standards Publication

Surface cleaning appliances

Part 1: General requirements on test material and test equipment

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National foreword

This Published Document is the UK implementation of IEC TS 62885-1:2020. It supersedes PD IEC TS 62885-1:2018, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CPL/59/6, Floor treatment appliances.

A list of organizations represented on this committee can be obtained on request to its committee manager.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Part 1: General requirements on test material and test equipment

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FOREWORD

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Technical specifications are subject to review within three years of publication to decide whether they can be transformed into International Standards.

IEC TS 62885-1, which is a technical specification, has been prepared by subcommittee 59F: Surface cleaning appliances, of IEC technical committee 59: Performance of household and similar electrical appliances.

This third edition cancels and replaces the second edition published in 2016. This edition constitutes a technical revision.

This edition includes the following significant technical change with respect to the previous edition:

a) Clauses 4 and 5 on test carpets have been combined into the new Clause 4;
b) a new Clause 5 has been added containing specifications and treatment of various kinds of test dust;
c) a level loop test carpet specification has been added.

The text of this technical specification is based on the following documents:

Enquiry draft	Report on voting
59F/390/DTS	59F/402/RVDTS

Full information on the voting for the approval of this technical specification 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.

A list of all the parts in the IEC 62885 series, 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.

IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

INTRODUCTION

IEC subcommittee 59F has agreed to make a collection of test material and test equipment used in standards for testing surface cleaning appliances and to publish this collection as a technical specification. The existing annexes published on the IEC web will be integrated in this technical specification step by step.

Regular maintenance of the technical specification ensures that other standards which refer to this TS always reference the current status regarding test material and test equipment.

This third edition complements the specification of the Wilton test carpet in the second edition with the specification of a level loop test carpet and information on pre-treatment of test carpets.

Furthermore, the specification of various types of test dust has been included. Further test material and test equipment specifications will follow.

The intention with this document is to ensure a minimum of test material types and common use of these materials in tests of various surface cleaning appliances.

For information on supplies of test materials and details of test equipment, see Annex A.

Annex D provides general information relative to the various categories of dry vacuum cleaners.

SURFACE CLEANING APPLIANCES –

Part 1: General requirements on test material and test equipment

1 Scope

This part of IEC 62885 specifies the physical characteristics of test equipment and material used in tests common to several products covered by the IEC 62885 series for surface cleaning appliances. In addition, it provides guidance regarding the evaluation of Wilton and other types of carpets to determine their acceptability for testing and pre-treatment of test dust.

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 62885-2:–[1], *Surface cleaning appliances – Part 2: Dry vacuum cleaners for household or similar use – Methods for measuring the performance*

ISO 1763, *Textile floor coverings – Determination of number of tufts and/or loops per unit length and per unit area*

ISO 1765, *Machine-made textile floor coverings – Determination of thickness*

ISO 1766, *Textile floor coverings – Determination of thickness of pile above the substrate*

ISO 1833-1, *Textiles – Quantitative chemical analysis – General principles of testing*

ISO 2060, *Textiles – Yarn from packages – Determination of linear density (mass per unit length) by the skein method*

ISO 2061, *Textiles – Determination of twist in yarns – Direct counting method*

ISO 2424, *Textile floor coverings – Vocabulary*

ISO 4032, *Hexagon nuts (style 1) – Product grades A and B*

ISO 4766, *Slotted set screws with flat point*

ISO 6989, *Textile fibres – Determination of length and length distribution of staple fibres (by measurement of single fibres)*

ISO 8543, *Textile floor coverings – Methods for determination of mass*

ISO 13320, *Particle size analysis — Laser diffraction methods*

[1] Under preparation. Stage at the time of publication: IEC AFDIS 62885-2:2020.