

INTERNATIONAL STANDARD

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Household electrical hair care appliances – Methods of measuring the performance

*Appareils électrodomestiques destinés aux soins
des cheveux –
Méthodes de mesure de l'aptitude à la fonction*

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CONTENTS

FOREWORD	3
INTRODUCTION	4
1 Scope	5
2 Normative references.....	5
3 Definitions	5
4 List of measurements and tests	6
5 General conditions for measurements	7
5.1 General	7
5.2 Test room	7
5.3 Power supply.....	7
5.4 Steady conditions	7
5.5 Thermocouples	7
6 Measurements	7
6.1 Mass of the appliance.....	7
6.2 Length of the flexible cord.....	8
6.3 Power Input	8
6.4 Heating-up times	8
6.5 Temperatures	8
6.6 Air flow of hand-held hairdryers and hairstyling appliances with warm air	10
6.7 Drying rate.....	10
6.8 Attachment of accessories	12
6.9 Drop test.....	12
7 Measurement of airborne acoustical noise	13
8 Features	13
8.1 Control settings	13
8.2 Accessories	13
8.3 Additional features	13
9 Instructions for use	13
Annex A (informative) Additional information	19
Annex B (informative) Test Cloth.....	20
Bibliography.....	21
Figure 1 – Graphical derivation of distance D_d	11
Figure 2 – Temperature measuring device (based on UL 859).....	14
Figure 3 – Attachment of the thermocouples	15
Figure 4 – Distance for temperature measurement	16
Figure 5 – Curling appliance, position of the measuring points	17
Figure 6 – Test equipment for measuring the drying rate	18

INTERNATIONAL ELECTROTECHNICAL COMMISSION

HOUSEHOLD ELECTRICAL HAIR CARE APPLIANCES – METHODS FOR MEASURING THE PERFORMANCE

FOREWORD

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International Standard IEC 61855 has been prepared by IEC technical committee 59: Performance of household electrical appliances.

The text of this standard is based on the following documents:

FDIS	Report on voting
59/317/FDIS	59/318/RVD

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

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

The committee has decided that the contents of this publication will remain unchanged until 2005-04. At this date, the publication will be

- confirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

INTRODUCTION

This standard does not deal with hair care appliances with radiant heating or with helmet dryers (see Scope) for the following reasons:

- the test methods are likely to be complicated and expensive and they might not be sufficiently repeatable;
- suitable and or proven test methods are not known at present;
- developing of test methods for these appliances will incur considerable costs;
- the market shares of these appliances are rather small.

National Committees who consider that hair care appliances with radiant heating and helmet dryers should be included into maintenance activities are requested to submit proposals suitable for the corresponding test method.

HOUSEHOLD ELECTRICAL HAIR CARE APPLIANCES – METHODS FOR MEASURING THE PERFORMANCE

1 Scope

This International Standard applies to electrical appliances for household and similar use for drying and styling hair (including their accessories).

This standard defines the main performance characteristics that are of interest to the user and specifies methods of measuring these characteristics.

The measuring procedures are developed for comparable tests.

This standard does not specify requirements for performance.

This standard does not cover hair care appliances with radiant heating, helmet-type dryers or cutting devices.

NOTE 1 This standard does not deal with safety requirements (IEC 60335-2-23).

NOTE 2 Due to the influence of environmental conditions, variations in time, origin of test materials and proficiency of the operator, most of the described test methods will give more reliable results when applied for comparative testing of a number of appliances at the same time, in the same laboratory and by the same operator.

2 Normative references

The following referenced documents are indispensable for the application 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 60584-2, *Thermocouples – Part 2: Tolerances*

IEC 60704-2-9, *Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-9: Particular requirements for electrical hair care appliances*¹

IEC 61254, *Electric shavers for household use – Methods for measuring the performance*

IEC/TR 61592, *Household electrical appliances – Guidelines for consumer panel testing*

ISO 2267:1980, *Surface active agents – Evaluation of certain effects of laundering- Methods of preparation and use of unsoiled cotton control cloth*

¹ To be published.