

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1 AMENDEMENT 1

**Household electric cooking appliances –
Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring
performance**

**Appareils de cuisson électrodomestiques –
Partie 1: Cuisinières, fours, fours à vapeur et grils – Méthodes de mesure de
l'aptitude à la fonction**

IEC 60350-1:2023/AMD1:2025

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HOUSEHOLD ELECTRIC COOKING APPLIANCES –

**Part 1: Ranges, ovens, steam ovens and grills –
Methods for measuring performance****AMENDMENT 1****FOREWORD**

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Amendment 1 to IEC 60350-1:2023 has been prepared by subcommittee 59K: Performance of household and similar electrical cooking appliances, of IEC technical committee 59: Performance of household and similar electrical appliances.

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

Draft	Report on voting
59K/410/FDIS	59K/412/RVD

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

The language used for the development of this Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications/.

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1 Scope

Delete, in Note 2, the second dash.

2 Normative references

Add the following new reference:

IEC 60705:2024, *Household microwave ovens – Methods for measuring performance*

Replace the dated reference to IEC 62301 by an undated reference.

Delete the footnote to IEC 63474.

3 Terms and definitions

3.17

Replace the definition with the following new definition:

standby mode

condition where the appliance is connected to the mains and provides only one or more of the following functions, which can persist for an indefinite duration:

- a) reactivation function;
- b) reactivation function and only an indication of enabled reactivation function;
- c) information or status display.

Add the following new term and definition:

3.23

combination microwave oven

appliance which can be operated by microwave function, combination microwave function and heating function

Note 1 to entry: For definitions of a microwave function and combination microwave function, IEC 60705 is relevant.

[SOURCE: IEC 60705:2024, 3.2, modified – The Note to entry has been replaced.]

4.2 Oven and combi steam oven

Add the following at the end of 4.2:

- power consumption of low power modes (see Clause 14).

4.3 Steam ovens and combi steam oven

Add the following at the end of 4.3:

- power consumption of low power modes (see Clause 14).

4.5 Warming compartments

Add the following at the end of 4.5:

- power consumption of low power modes (see Clause 14).

5.3 Instrumentation

Replace, in Table 2, the fourth row with the following:

Temperature measurement	°C	± 1,0 K	Excluding the thermocouples Sampling rate ≥ 1/s
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8 Energy consumption and time for heating a load

8.1 Purpose

Add the following at the end of 8.1:

For measuring the energy consumption in a **combination microwave oven** fitted with a turntable, deviating requirements regarding the test setup are specified in Annex H.

Annex K shows the expanded uncertainties for measuring the energy consumption.

8.2 Symbols and abbreviations

Replace, in Table 3, the thirteenth row related to the *s*-factor with the following:

s_k	ratio between the observer temperatures measured in phase 1 in the last 30 % of the whole phase and the observer temperature in phase 1 in the second last 30 %
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