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# INTERNATIONAL STANDARD



# 5731

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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## Kitchen equipment — Limit of size

*Équipement de cuisine — Dimensions limites*

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**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO 5731:1978

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**Descriptors** : kitchen equipment, kitchen furniture, specifications, dimensions, dimensional tolerances.

Price based on 2 pages

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 5731 was developed by Technical Committee ISO/TC 59, *Building construction*, and was circulated to the member bodies in June 1976.

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It has been approved by the member bodies of the following countries :

ISO 5731:1978		
Australia	Iran	Romania
Brazil	Israel	South Africa, Rep. of
Bulgaria	Italy	Spain
Canada	Korea, Rep. of	Sweden
Czechoslovakia	Mexico	Turkey
France	Netherlands	United Kingdom
Germany	New Zealand	U.S.S.R.
Hungary	Poland	

The member bodies of the following countries expressed disapproval of the document on technical grounds :

Austria  
Belgium  
Denmark  
Switzerland

## Kitchen equipment — Limit of size

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#### 0 INTRODUCTION

The limit of size specified in this International Standard gives a first indication of the problem of manufacturing dimensions and tolerances as regards kitchen equipment is to be studied in more detail in the future.

#### 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the limit (minimum or maximum) of size to ensure co-ordination and interchangeability of the components of kitchen equipment as referred to in ISO 3055. It covers only certain sizes having a special importance for the assembly.

#### 2 REFERENCES

ISO 1006, *Modular co-ordination — Basic module.*

ISO 1803, *Tolerances for building — Vocabulary.*

ISO 3055, *Kitchen equipment — Co-ordinating sizes.*

ISO 5732, *Kitchen equipment — Sizes of openings for built-in appliances.*

#### 3 DEFINITIONS

For the purposes of this International Standard, the following definitions apply:

**3.1 fitments:** Cupboards and worktops.

**3.2 appliances:** Refrigerators, freezers, cookers, ovens, dishwashing machines and other items of household equipment which are to be dimensionally co-ordinated with fitments.

**3.3 floor unit:** A low cupboard or appliance, placed normally below a worktop or sink.

**3.4 tall unit:** A tall cupboard or appliance.

**3.5 wall unit:** A wall-hung shallow cupboard or appliance placed normally above a worktop or sink.

**3.6 worktop:** A flat top applied normally to one or more floor units.

**3.7 sink:** A combined unit of sink bowl(s) and draining board(s), placed normally on top of one or more floor units.

#### 4 LIMIT OF SIZE

##### 4.1 Height

Clear height from floor to underside of worktop or to upper side of sink (draining board) support ( $A - K$ )<sup>1)</sup>

minimum 870 mm <sup>2)</sup>  
for worktop co-ordinating level 9 M <sup>3)</sup>

minimum 820 mm <sup>2)</sup>  
for worktop co-ordinating level 8,5 M

##### 4.2 Widths

Worktops, sinks, floor units and tall units ( $E$ )<sup>1)</sup>

maximum 600 mm <sup>4)</sup>  
for co-ordinating dimension 6 M

Wall units ( $F$ )<sup>1)</sup>

maximum 300 mm <sup>4)</sup>  
for co-ordinating dimension 3 M

maximum 350 mm <sup>4)</sup>  
for co-ordinating dimension 3,5 M

##### 4.3 Lengths

Fitments and sink units

maximum  $n \times 100$  mm <sup>5)</sup>

Appliance not to be inserted<sup>6)</sup> into cupboards or worktops

maximum  $(n \times 100 \text{ mm}) - 3 \text{ mm}$  <sup>5)</sup>

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1) The designations refer to ISO 3055.

2) When the two linked conditions of height from floor to upper side and underside of worktop are not compatible, the decision on the one to choose shall be taken for each particular case.

3) M is the symbol for the basic module defined in ISO 1006 and is equal to 100 mm.

4) Only handles or switches may project.

5) Conventionally,  $n$  is always an integer.

6) The built-in appliances are not yet standardized; however, the openings designed for them are defined in ISO 5732.