ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 1094   withdrawn 1977

CLASSIFICATION OF ADDING MACHINES

AND CALCULATING MACHINES

1st EDITION

June 1969

For each individual country the only valid standard is the national standard of that country.

CLASSIFICATION OF ADDING MACHINES

AND CALCULATING MACHINES

1. SCOPE

This ISO Recommendation concerns the classification of adding machines and calculating machines according to their most important characteristics.

The letters and numerical symbols shown here to indicate the category of each machine should normally be used in conjunction with the descriptive information when contained in literature and catalogues, but may be used in isolation in commercial documents.

2. CLASSIFICATION CRITERIA

A. Arithmetic functions

1. Addition
2. Addition and subtraction
3. Addition, subtraction and multiplication
4. Addition, subtraction, multiplication and division
5. Addition, subtraction, multiplication, division and square root

B. Means of showing items and results

1. Printing
2. Display
3. Printing and display

C. Main numeric keyboard

1. Ten-key keyboard
2. Semi-full keyboard
3. Full keyboard

D. Numeric keyboard elements

   1. Key

   2. Lever

   3. Slide

E. Method of registering

   1. Direct or single phase (e.g. : keydriven)

   2. Indirect or two phases (e.g. : key set)

F. Source of power

   1. Hand

   2. Electric

G. Physical principle of calculating device

   1. Mechanical

   2. Electronic

   3. Fluidic

H. Subtraction

   1. With credit balance

   2. Without credit balance

J. Multiplication

   1. Non-automatic

   2. Semi-automatic

   3. Automatic

K. Division

   1. Non-automatic

   2. Semi-automatic

   3. Automatic

L. Number of registers*

M. Entering register capacity**

N. Result register capacity**

O. Multiplier or quotient register capacity**

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* Show the number of registers.

** Show the number of digits.