IBM

4723

Document Processor

4723 PRODUCT DESCRIPTION

The IBM 4723 is a small document reader/inscriber for use in banking teller and back office environment.

It is attachable to IBM 3600/4700 via B—loop.

A basic IBM 4723 can read, inscribe and sort (select one of three output pockets).

Depending upon model the IBM 4723 can read/inscribe OCR or MICR.

Optional features are Print, Stamp (front and/or back), and Direct Keyboard Attachment.

The document is fed by belts driven by stepper motors. The feed starts when sensors recognize a document in the input slot. The document is fed continuously except when inscribing takes place, at which time the document is stepped forward character by character.

Models with Autofeed can hold up to 300 documents in the hopper, the documents are automatically fed one by one into the input slot passing a View Station.

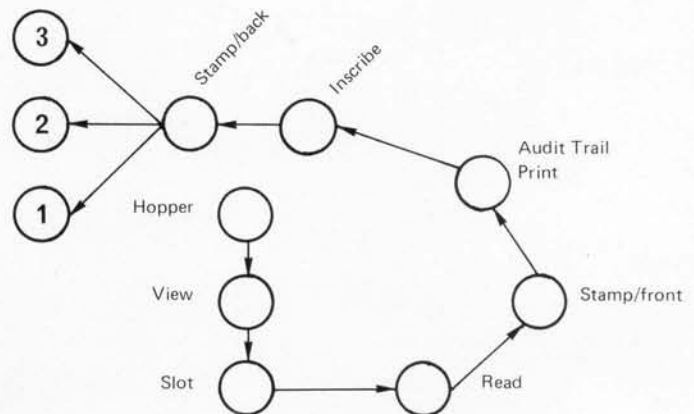Shared Station feature allows two operators to share one IBM 4723.

Transmission of data read from the IBM 4723 can be transmitted together with data entered on keyboard if Direct Keyboard Attachment is installed.

All required voltages for the IBM 4723 reader—inscriber unit are supplied from a separate power box, connected via a 1.8 meter cable to the IBM 4723 table top unit.

The IBM 4723 has been developed at Nordic Laboratories, Lidingoe, Sweden.

Document Flow IBM 4723

Pockets

Functional Characteristics

All functions and the overall dataflow to, from and within the IBM 4723 is controlled by a microprocessor.

Some functions like the interface, Transport and Read have their own slave processors.

The processing of a document is controlled by an Operation Control Table (OCT), which is loaded at initialization time from the controller.

Maintenance Features

Indicators on the operator panel

☐ Indicate machine status and internal errors.

Basic Assurance Test

☐ Initiated at Power On. Checks out the Processors, ROS, RAM and hardware interfaces.

Device Test

☐ Consists of Read Test, Print/Stamp/Inscribe Test and Loop Wrap Test selected by a rotary switch.

On Line Tests

☐ The system monitor can be used to exercise the IBM 4723.

Test Documents

☐ Used to check character recognition.

Models/Features

Models	Mod121A	Mod121B	Mod121C	Mod121D	Mod121E	Mod123C	Mod122A	Mod122B	Mod122C	Mod122D	Mod122E
Manual Feed	x	x	x	x	x	x	–	–	–	–	–
Autofeed	–	–	–	–	–	–	x	x	x	x	x
Reader/Inscriber											
– OCR–A	x	–	–	–	–	–	x	–	–	–	–
– OCR–B	–	x	–	–	–	–	–	x	–	–	–
– DUAL FONT	–	–	–	x	–	–	–	–	–	x	–
– MICR CMC–7	–	–	x	–	–	x	–	–	x	–	–
– MICR E13B	–	–	–	–	x	–	–	–	–	–	x
Front–side Stamp	o	o	o	o	o	o	o	o	o	o	o
Back–side Stamp	o	o	o	o	o	o	o	o	o	o	o
Message Printer	o	o	o	o	o	o	o	o	o	o	o
Shared Station	–	–	–	–	–	x	–	–	–	–	–
Direct Attached KB	o	o	o	o	o	o	o	o	o	o	o

(x = standard feature, o = optional feature)

CE Career Path

E/ME/A	DRCE
A/FE	CSCE

CE Training

Formal Education Centre, 2 days.

Installation

The customer will set up the machine following the CSU concept.

Maintenance Strategy

There will be two offerings available:

1. Business As Usual.
2. Deferred Central Facility Maintenance (DCFM).
   In this case the customer will collect a number of defect machines at a customer owned central location to allow one full day of work for the CE.

Manufacturing Location

Greenock – UK