

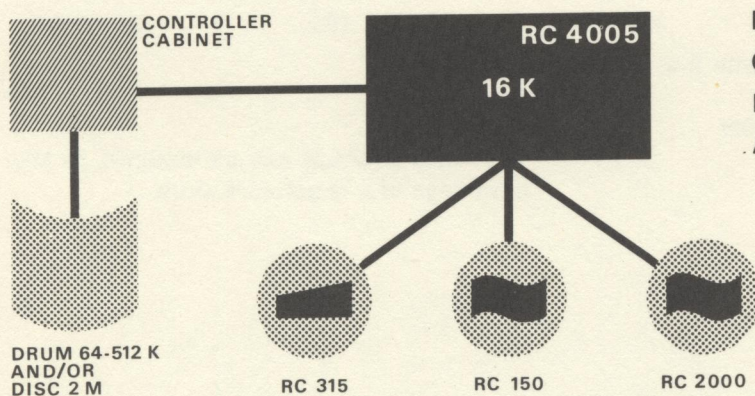
## RC 4000 SOFTWARE PACKAGES

### Time-Sharing Package

- Monitor 1
- Slang 3
- Utility 3 (Editor 3, Debug 3)
- Algol 5
- Fortran
- Mathematical Procedure Library

This package contains all the software needed for time-sharing and for programming in machine language and higher level languages. It is suitable for a wide variety of applications including batch processing, multiple console conversation, and real-time scheduling.

### Minimum Machine Configuration



EXTENDED RC 4000  
COMPUTER WITH  
DRUM AND/OR DISC  
AS BACKING STORE

- RC 4005 Central Processor with 16 K Core Store
- RC 315 Input/Output Typewriter
- RC 150 Paper Tape Punch
- RC 2000 Paper Tape Reader
- RC 4320 Magnetic Drum Store of 64-512 K and/or RC 433 Magnetic Disc Store of 2 M
- RC 4060 Input/Output Controller Cabinet

Apart from these devices, Monitor 1 can at present administer:

- RC 405 Punched Card Readers
- RC 610 Line Printers
- RC 707 Magnetic Tape Stations

Monitor 1 can be modified to take advantage of a larger core store and a larger backing store, and to handle more than one device of each kind; it can also be extended with codes to handle new kinds of devices.

SOFTWARE  
begin

length= 3

end

end EOF proc

open (master,

open (new\_maste

open (transacti

comment

inrac (master,

inrac (transac

next:

if master (1) \*

begin comment \*

newrec (new\_

new\_maste

new\_maste

new\_maste

inrac (transa

go\_to next

end 5;

if master (1) \*

begin comment \*

newrec (new\_

for i= 1 st

new\_maste

inrac (maste

go\_to next

end 7;

if master (1) \*

begin comment \*

master (2) r

inrac (trans

go\_to next

end;

comment \*

close (master,

close (transac

end;



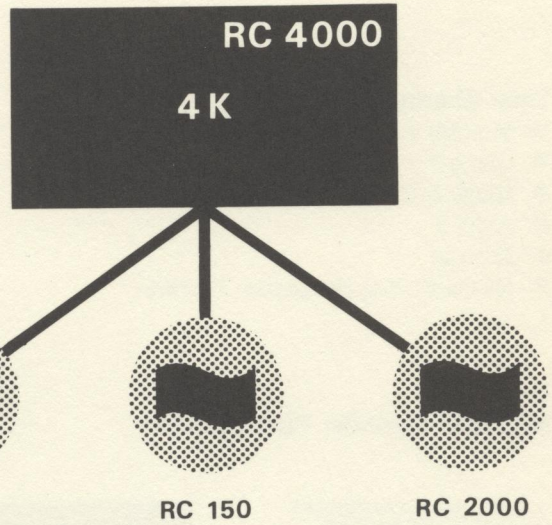
**Basic Package**

This package contains all the basic software necessary for using the RC 4000 computer, namely, an assembler and the utility programs needed to help prepare and debug assembly language programs. RC 4000's time-sharing capability is not supported by this package.

- Slang 2
- Utility 2 (Loader 2, Editor 2, Debug 2)

**Minimum Machine Configuration**

**SMALL RC 4000  
COMPUTER WITHOUT  
BACKING STORE**



- RC 4000 Central Processor with 4 K Core Store
- RC 315 Input/Output Typewriter
- RC 150 Paper Tape Punch
- RC 2000 Paper Tape Reader

The basic package can be modified to take advantage of a larger core store.



```

begin
  length:= 3
end
end EOF proc;
open {master,
open {new_mast
open {transact
  comment
  lline {master,
  lline {transac
next;
if master (1)
begin comment
  newrec (new_
  new_master (
  new_master (
  new_master (
  lline {trans
  go_to next
end };
if master (1)
begin comment
  newrec (new_
  for i:= 1 st
    new_master
  lline {masta
  go_to next
end };
if master (1)
begin comment
  master (2):=
  lline {trans
  go_to next
end;
  comment
close {master,
close {transac
end;
  
```