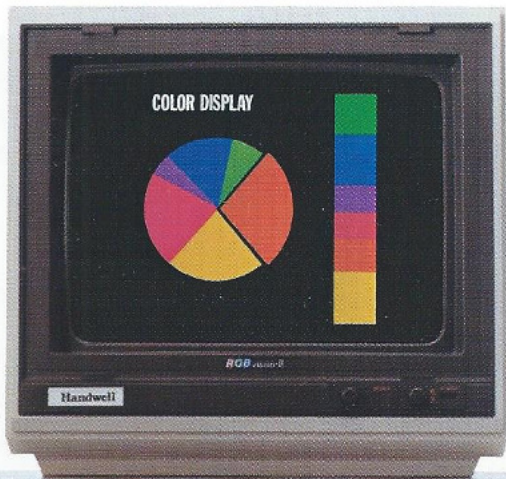


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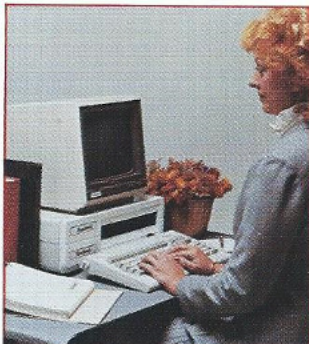
Monitor not  
 included in  
 price shown

Simulated  
 Display



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# FEATURES

The Handwell PC Unit consists of a MAIN BOARD, DISK DRIVER CARD, MULTIFUNCTION CARD, COLOR DISPLAY CARD, POWER SUPPLY WITH FAN, AND CASE.

## MAIN BOARD

- 16-bit Microprocessor 8088 as. CPU running at 4.77 Mhz.
- 8088 is supported by 8259A interrupt controller and 8237 direct memory access controller
- A socket for a 8087 mathematic chip
- 6 (six), 28-pin sockets for read-only memory with one of them occupied by 2764 ROM ( BIOS program is built-in )
- 5 (five) expansion slots (universal) on the main board, with three of them occupied by the disk driver card, multifunction card, and display card
- RAM-128K is built in, can be expanded to 256K

## DISK DRIVER CARD

- Connect main board with floppy disc driver
- One card can handle 4 sets of floppy disc drivers

## MULTIFUNCTION CARD

- 2 (two) Channel serial asynchronous communication port (RS-232 Interface)
- 1 (one) Parallel printer port
- Calendar/Clock runs on rechargeable battery
- RAM-128K is built in, can be expanded to 256K

## COLOR DISPLAY CARD

- 6845 Color Graphics controller chip standard  
Can drive either RGB monitor, color monitor, monochrome monitor, or black and white monitor
- TEXT MODE:
  - 40 column x 25 row (color/black & white)
  - 80 column x 25 row (color/black & white)
- GRAPHIC MODE:
  - 320 dots x 200 lines (color/black & white)
  - 640 dots x 200 lines (black & white)
- LIGHT PEN INTERFACE AVAILABLE

## POWER SUPPLY

- 65 W (with fan inside)
- Overload protection
- Input: 90V-130V/180-260V; 60Hz/50 Hz

## KEYBOARD

- Fully detachable
- Function-compatible with IBM PC Keyboard
- 18-foot extension cord provided
- Transmit: serial input
- 95 KEYS:
  - Function key (user-defined) . . . 10 Keys
  - Numerical key . . . . . 15 Keys
  - Alphanumeric key . . . . . 57 Keys
  - Cursor control key . . . . . 8 Keys
  - Other keys . . . . . 5 Keys

## DISK DRIVER

- Double sided/Double density Disk Drives (2)
  - DISK CAPACITY: Each Drive  
Unformatted; Media-500K Bytes  
Track-6520 Bytes  
Formatted (16 sector, IBM format);  
Media-327K Bytes  
Track-4096 Bytes
- SOFT-SECTORED
- DIRECT DRIVE SPINDLE ACTUATOR
- ROTATIONAL SPEED: 300 rpm
- DATA DENSITY: 5787 bpi
- TRACK DENSITY: 48 TPI
- 80 TRACKS
- TRANSFER RATE: 250K bit/sec
- ACCESS TIME: Track-to-track= 6 msec;  
Settling= 15 msec max.
- MOTOR START-UP TIME: 1 (one) sec max.
- ENCODE METHOD: MFM



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