Graphic Display Terminals 4014-1/15-1

4014-1: Full ASCII character set
4015-1: APL compatible

High-resolution, low-cost, APL option: our 19" (48.26 cm) Graphics terminal. The most effective way to display a large data base is big screen Graphics. The 19-inch (48.26 cm) flicker-free 4014-1 and APL-language 4015-1 Graphic Display Terminals give you capabilities in all kinds of applications—mapping, design, manufacturing, medicine, energy exploration and many more.

Big screen. Big features. The 4014-1 and 4015-1 offer 1024X by 780Y displayable points standard, up to 4096X by 3120Y displayable points optional, with the Enhanced Graphics Module. Full 96-character ASCII keyboard with four program-selectable alphanumeric formats. Up to 8512 characters on display at once. Graphic crosshair cursor control, and hard copy compatibility.

Specifications:

Display medium:
Direct View Bi-Stable Storage CRT

Display area:
15 inches (38.1 cm) wide by 11 inches (27.9 cm) high

Alphanumeric mode:
Four program-selectable formats:
1. 74 characters per line with 35 lines per display.
2. 81 characters per line with 38 lines per display.
3. 121 characters per line with 58 lines per display.
4. 133 characters per line with 64 lines per display.

Alphanumeric cursor:
7 x 9 dot pulsating cursor

Character set:
4014-1—Full ASCII character set (94 printing characters).
4015-1—Full ASCII and APL character sets (188 total printing characters).

Vector mode:
Vector drawing time is 5000 inches per second (127 meters).
1024(X) by 1024(Y) addressable points (10 bits).
1024(X) by 780(Y) viewable points.

Enhanced graphics module:
4096(X) by 4096(Y) addressable points (12 bits).
4096(X) by 3120(Y) viewable points.

Vector formats:
5 formats, including straight, dotted and dashed lines.

Point plotting modes:
Point Plot Mode
Special Point Plot Mode—absolutely addresses points with program control of plotted point size—.010 to .050 inch (0.25 to 1.27 mm) approximate point sizes.
Incremental Plot Mode—relative addressing 1 of 8 directions, one step at a time.
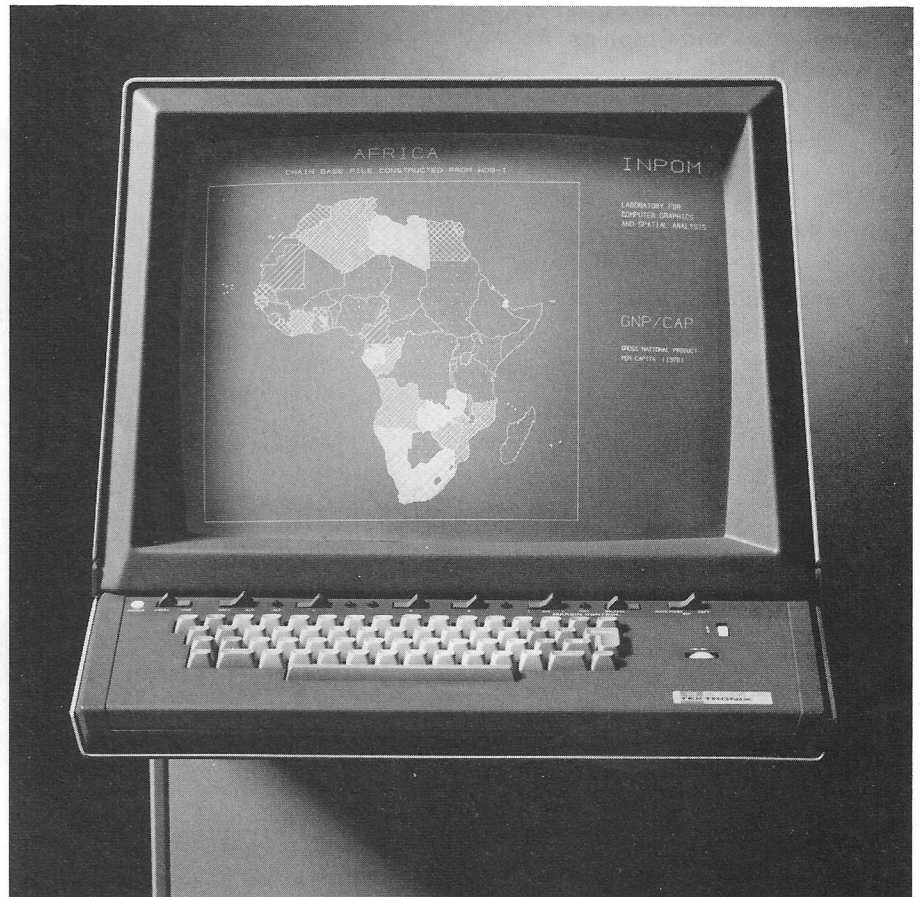
Interactive graphic mode:
Thumbwheel controlled crosshair cursor.
3 thru 1024 addressable points horizontally.
0 thru 780 addressable points vertically.

Power source:
110/220 (Hi, Med, Low) VAC 48 to 440 Hz, 350 W.

Dimensions:
Height—43½ inches (110.48 cm)
Width—20 inches (50.80 cm)
Length—32½ inches (82.55 cm)

Weight:
150 pounds (68 kg)

Computer Interfaces:

Basic Data Communication interface included with the 4014-1 or 4015-1 is EIA RS-232-C compatible. Full duplex only.

Option 1—Optional Data Communication Interface (EIA RS-232-A or C) includes convenient switch selectable functions including local-echo (echoplex), full-duplex, half-duplex, and independent transfer and receive rates of 110, 150, 300, 600, 1200, 2400, 4800 and 9600 bits/sec $400

Note: EIA RS-232-C is comparable to the European Standard CCITT (V.24).

Ordering Information
4014-1 Computer Display
Terminal $11,650
4015-1 Computer Display
Terminal $12,700