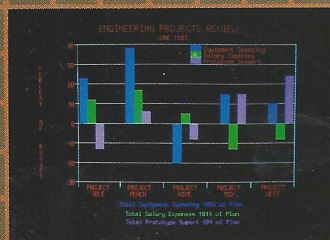
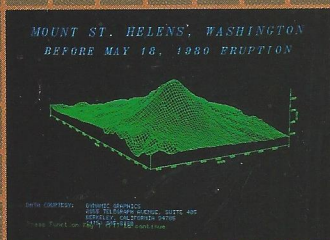
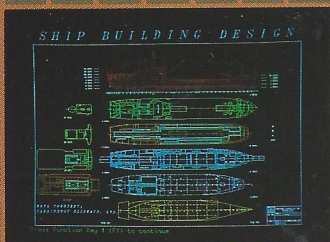


SMART COLOR FROM
TEKTRONIX: FOR A COMMAND
OF GRAPHICS NEVER
POSSIBLE BEFORE.





(Top) The extra dimension that color brings to data discrimination can be helpful in such multi-layer designs as circuit boards, buildings, or ships.

(Middle) Before-and-after eruption comparison of the Mt. St. Helens topology demonstrates the excellent resolution and added effect of color in the presentation.

(Bottom) The Local Easy Graphing Option allows users to quickly produce multi-color tables, graphs and charts like this without host communication.

TEKTRONIX 4113 — NEW POWERS OF CREATIVITY AND A FULL PALETTE OF COLORS!

The 4113 combines the superb clarity of Tektronix color graphics with all the powerful, local capabilities of the Tek 4110 Series. The result is a vast expansion of both the size and complexity of the displays you work with, and a far more interactive approach to the way you work with graphics.

Local capabilities like retained picture segments and true zoom and pan introduce a productive, time-saving new dimension to user workstations. In addition, unusually crisp, flicker-free images and a palette of more than 4000 possible colors contribute to a color terminal that's more viewable and versatile than any other.

The display: designed for easy viewing and exacting detail. There's no fatiguing screen flicker on the 4113, thanks to its 60 Hz non-interlaced raster technology—that's twice the refresh rate of many comparable terminals. In addition, Tek has engineered into the 4113 the same high addressability as on the highest resolution Tektronix storage tube: a full 4096 x 4096 points. You can enter into display memory the most intricate graphics, then zoom and pan with true magnification to highlight any section on the 4113's 483 mm (19-inch), 640 x 480 display.

As a result, designers, cartographers and analysts need no longer work in piecemeal fashion with large or complex displays, but can comfortably deal with complete entities.

The color: more choices, made simple. The 4113 lets you select from 4096 colors, any 8 of which are displayable at once in the terminal's standard configuration. With optional bit plane added, as many as 16 colors may be simultaneously displayed. The Tektronix Color Standard offers you an easy-to-learn system for specifying and recalling the colors you want.

Local intelligence: more to show for less time-on-the-line. Local capabilities basic to the 4113 and to all other 4110 Series terminals include retained picture segments: the power to store graphic elements locally, then redisplay and manipulate them by a single, short command from the host. You enjoy more creative freedom, faster interaction and host communications up to 9600 baud.

The standard terminal includes 32K RAM, expandable to up to 800K bytes total. You can store additional data locally on one or two optional, integral flexible disks, each offering 512K bytes of mass storage.

Configurability: one of an expanding series. The 4113 is available in either pedestal or convenient workstation configuration. It is wholly compatible with all other 4110 Series terminals. Designers may, for example, develop plots on the 4114 high-resolution storage display, then transfer them to the 4113 for color enhancement.

You'll find too, that if you presently own a Tektronix 4010 Series graphics termi-

nal, you can upgrade to 4110 Series capabilities—including 4113 color—with relatively minor revisions to existing programs.

Not only will additional memory, bit planes, peripheral interfaces and other existing options be at your disposal now and in the future, you can also count on Tektronix to continually support you with new options and upgrades.

Software: begin with the most popular "core" package in use today. The modular Tektronix PLOT 10 Interactive Graphics Library (IGL) features CPU and terminal independent commands for two- and three-dimensional graphics, with full control of color, panel filling, and text manipulation. It is the world's most popular implementation of the 1979 Siggraph proposal for a Graphics Standard.

Tektronix also includes color capability in its "Local Easy Graphing" option, which allows you to compose, edit, annotate and output graphs with no host communications required.

Local color from the graphics leader. The 4113 is remarkably affordable, reliable and upgradable in the Tektronix tradition of lasting value. If it sounds good now, it looks even better: crisp, clear and flicker-free. Contact your local Tektronix Sales Engineer for a demonstration of color you should see to believe!

PLUG-IN THE PERIPHERALS THAT COMPLETE YOUR JOB.

An optional three-port peripheral interface on the 4113 enables local control of Tektronix peripherals that are graphic standards in their own right. Enjoy automatic, multi-color plotting on the B-size 4662 Interactive Digital Plotter with 8-pen turret option. Or command big plotter capabilities in a personal, C-size plotter with the dual-pen 4663.

Both Tektronix plotters draw graphics and alpha- numerics on paper, Mylar® or acetate, at high speed, with exacting precision, and with one of the largest choices of colors, inks and pen points you can find.

The Tektronix 4632, one of a number of Tektronix plug-in fiber optics copiers, produces gray-scale working copies of color displays in seconds, at the push of a button. Copies are high-contrast, dry, and cost just pennies a page to produce. No toners or chemicals are required.

If your graphics requirements also include additional data storage, graphic tablets or printers, your Tektronix Sales Engineer can show you a range of outstanding price and performance values in all these areas and more. No one else can match the depth and breadth of our ongoing graphics support.

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