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high in its rack-mount configuration. Features include frame or field electronic freeze frame, direct or heterodyne color processing, and switch-selectable vertical blanking in any order between lines 15 through 20. Horizontal blanking is fixed at 10.8  $\mu$ sec. SNR is 58 dB.

A versatile color monitor, the CT-1400MG, has been announced by Panasonic Industrial Co., One Panasonic Way, Secaucus, NJ 07094. The diagonal 14-in. video/data monitor is designed for a wide range of applications, including use with computers. The tube has a fine dot pitch of 0.49 mm. Other features include a 2000-character display, built-in audio amplifier and speaker, and non-glare high-contrast screen. The monitor's BNC video input/output, phono pin-type and 8-pin VCR connectors can interface in most installations. RGB inputs route signals directly to the picture tube circuit.

For data applications, the monitor has text (RGB linear) input terminals that can be linked to DEC color computers or any product equipped with an RS-170 output. By switching the sync selector, the CT-1400MG can become a color graphics monitor or monochrome computer display. YS and YM inputs allow the monitor to become a teletext or videotex display. Three audio inputs are provided.



Panasonic TQ-2025F optical disc recorder/player

A black-and-white optical disc recorder/player has been announced by Panasonic Industrial Co., One Panasonic Way, Secaucus, NJ 07094. Designated the TQ-2025F, the device can access a specific frame in 0.5 sec or less. It has real-time recording and motion playback capabilities. On a single 8-in. optical disc, the TQ-2025F can record motion and play up to 16,000 still frames or 8.8 min of motion. Any monochrome video source, such as VCR, camera, or NTSC computer signal can be used as input.

The NH 19.99 video animation stand has been announced by Neilson-Hordell Ltd., Central Trading Estate, Staines, Middlesex, TW18 4UU, England. The NH 19.99 consists of a steel base and column with a fixed camera bracket. A shelf is attached to the column to hold the animation video recorder, a monitor, and ancillary items. The artwork stage is mounted on the base at table height, beneath the camera. This is normally an animation table-top and compound with gear-driven north/south