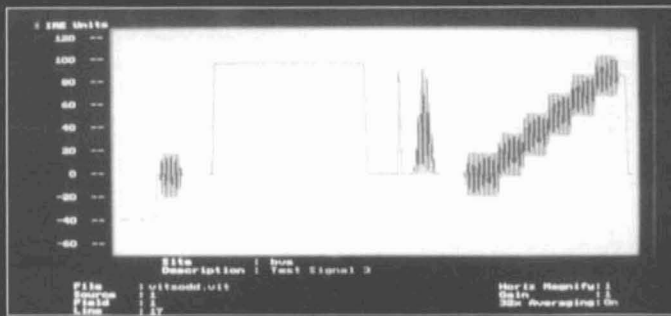




Telebyte Technology's Model 224 transceiver.



The VITS 2 video analyzer from Broadcast Video Systems.



DV cassettes for the Ampex DCT System from Quantegy, Inc.



Quantegy's Ampex digital Betacam videocassettes.

required by digital systems. Each particle is coated with a specially developed protective coating layer to ensure long-term stability. The new tape formulation is designed to reproduce full-spectrum audio tracks, which allows it to be used in applications ranging from ENG/EFP to film and video post-production. Anti-static plastics used in the cassette shell reduce dust attraction and avoid BER buildup.

Correction:

Fuji Photo Film Co. introduced its ATOMM Zip Disk 100, a 100-Mbyte super floppy disk. The size of the disk was incorrectly reported in *The 1995 Progress Report*, April 1996, page 187.

For further information regarding the new products and developments listed in this section, contact the companies directly at the addresses listed below:

Broadcast Video Systems Corp., 40 W. Wilmet St., Richmond Hill, Ont., Canada L4B 1H8, tel: (905) 764-1584, fax: (905) 764-7438

Hewlett-Packard Co., Direct Marketing Organization, P.O. Box 58059, MS51L-SJ, Santa Clara, Calif., 95051-8059

Leitch Inc., 920 Corporate Ln., Chesapeake, VA 23320, tel: (804) 548-2300, fax: (804) 548-4088

Prime Image, 19943 Via Escuela, Saratoga, CA 95070, tel: (408) 867-6519, fax: (408) 926-7294

Quantegy, Inc., 1025A Terra Bella Ave., Mountain View, CA 94043-1829, tel: (415) 903-1100, fax: (415) 903-1141

Sharp Electronics Corp., Sharp Plaza, Mahwah, NJ 07430-2135, tel: (201) 529-8731, fax: (201) 529-9636

Sony Electronics, Inc., 1 Sony Drive, Park Ridge, NJ 07656, tel: (800) 635-7669

Telebyte Technology, Inc., 270 Pulaski Rd., Greenlawn, NY 11740-1616, tel: (516) 423-3232, fax: (516) 385-8184

Tiffen Manufacturing Corp., 90 Oser Ave., Hauppauge, NY 11788, tel: (516) 273-2500, fax: (516) 273-2557

United States Broadcast, 2794 Circleport Dr., Erlanger, KY 41018, tel: (606) 282-1802, fax: (606) 282-1804

Videotek, Inc., 243 Shoemaker Rd., Pottstown, PA 19464-6433, tel: (610) 327-2292, Fax: (610) 327-9295

is required per frame. Other features include field programmability and programmability with Leitch's 2602VC real-time capture card and a 1302 control panel.

Test and Measuring Equipment

The VITS 2 video analyzer from Broadcast Video Systems Corp. is designed for remote video quality monitoring. Any line of the video field can be sampled, digitized, and sent by modem to a PC with a VGA display capability; once received at the PC, the signal can be displayed on the computer monitor. To facilitate measurement, the display can be filtered, amplified, or expanded. A signal-to-noise measurement readout is also included.

The HP 54616B from Hewlett-Packard Co. features 500-MHz bandwidth, 2-Gsample/sec sample rate, 1-nsec digital peak detect at all sweep speeds, and 50-Ω input capability to ensure accurate high-speed measurements. It also offers a three-processor architecture to allow fast front-panel responsiveness; a fast update rate that takes quick, frequent acquisitions to reduce the chance of missing waveform variations; a 5-K memory depth that, combined with a high sample rate, catches narrower-duration events that scopes with less memory and slower effective sampling rates miss; and repetitive waveform sampling in all time base settings to eliminate signal processing and interpolation via algorithms.

The Xpon time base corrector/synchronizer from Prime Image, Inc., has component capability for both input and output. It

allows the mixing of component and composite sources for multi-input switcher effects. Signals are transcoded between component and composite, as well as Y/C both in and out. Xpon is available in NTSC, PAL, or PAL-M.

The VSG-204D digital sync and test generator from Videotek, Inc., has ten serial digital video test signals available at the push of a single button. Free run or genlock capability, 525/60 or 625/50 operation, and four analog black burst outputs are included in this 1-RU package. Additionally, there are separate output phase adjustments on three of the black burst outputs. The VSG-204D has stereo analog tone outputs, two AES/EBU audio pairs, and four channels of embedded audio in the 601 test signals.

Videotapes, Cassettes, and Discs

Quantegy, Inc., introduced its Quantegy DV Series of 19-mm digital videocassettes for use with the Ampex DCT™ digital post-production system. The series features an ultrahigh coercivity metal particle formulation to provide high output and short wavelength response. A tough binder system incorporates more dominant cross-linking to provide multiple-pass durability for reliable performance during heavy editing and still framing.

Quantegy's Ampex-brand DBC digital Betacam videocassettes have ultrasmall metal particles to develop higher magnetic energy and deliver the higher output