

## Books, Booklets, Brochures

**Laser Beam Information Systems**, Ed. William C. House, summarizing the current state of laser applications to input-output, central processing, memory and display units for computer systems, is available from McGraw-Hill Book Co., 1221 Ave. of the Americas, New York, NY 10020, at a price of \$15. Some of the topics investigated in depth in the 192-page book are optical data storage, communications on a beam of light or by optical fiber, mass memories for future computers, holographic optical memories for bulk data storage, optoelectronic memories, alternative component technologies for advanced memory systems, and computer applications of lasers.

**The Public Broadcasting Report**, a new biweekly newsletter devoted to public television, radio and related fields, is published by Television Digest, Inc., 1836 Jefferson Pl., N.W., Washington, DC 20036. The subscription rate is \$127 a year. Among other informative items, the newsletter examines, in depth, controversial bills before Congress that could adversely affect public broadcasting as well as other communications fields.

**Pre-recorded videocassettes of almost 600 American and foreign feature films** available for purchase or exchange are listed in a 34-page catalog from the Video Cassette Exchange Division of Discotronics Inc., 50 No. Main St., Cranbury, NJ 08512. The films, many of which have never been shown on television, can be obtained in either BETA or VHS half-inch formats. The trade-in program operates similarly to a rental library, and the organization guarantees the quality of its preowned videocassettes. Two new services announced in the catalog are a toll-free phone number for placing orders and a nationwide home pick-up service for trade-ins available for a small service charge.

**Booklets available upon request from Cohu, Inc.**, Box 623, San Diego, CA 92112, include: (1) The revised 1978 edition of the short form catalog describing the current line of broadcast television products. The catalog includes photographs and descriptions of the equipment. (2) A booklet entitled *Cohu Reference Data—High Sensitivity Television Cameras in Low-Light Applications*. The illustrated booklet defines the parameters of high-sensitivity closed circuit television surveillance systems and provides specific data to assist users in selecting a system to meet their need. (3) A brochure illustrated in color describing Cohu's medical television camera systems. (4) A brochure describing closed circuit cameras suitable for monitoring, surveillance and laboratory work. Low-light-level cameras, environmental cameras and high-resolution television cameras are also described.

**Test and measuring instruments** are listed and described in a 12-page short form illustrated catalog available upon request from Leader Instruments Corp., 151 Dupont St., Plainview, NY 11803. In addition to oscilloscopes, the catalog lists eight professional audio instruments including two audio system analyzers; four multimeters including digital and analog versions; frequency counters; color bar generators; and FM multiplex generator and other instruments and accessories.

Also available from Leader Instruments is a 16-page catalog listing eight dual and single trace oscilloscopes. Each instrument is described in detail and full specifications are given.

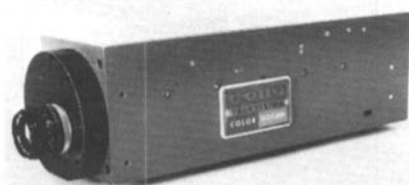
# New Products & Developments

*Further information about these items can be obtained from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.*



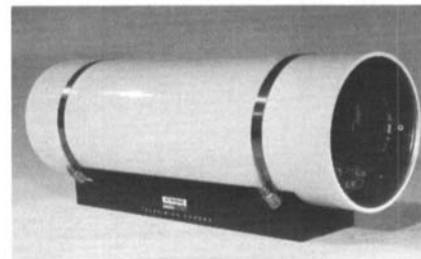
The **TKP-46 portable production camera** has been announced by RCA Broadcast Systems, Front and Cooper Streets, Camden, NJ 08102. The camera can be used either as a portable field camera or as a studio camera. For field use the camera fits on the cameraman's shoulder and the viewfinder can be continuously adjusted. The lens is mounted to the camera head with a quick-release bayonet feature. For studio use the camera is mounted in a "Minimax" adaptor with a large viewfinder. The TKP-46, developed from the TKP-45 electronic field production camera (*Journal*, p. 332, April 1974), includes such features as a built-in microphone input at the camera head, small-diameter lightweight camera cable, shock-mounted optical system, wide range of lens options, choice of mounting equipment, and a full range of operational automatic features including iris control, white balance, black balance and pulse advance.

The TKP-46 is available in two different systems. System I includes the TK-46 studio camera control unit and is priced at \$56,800. System II includes the portable Minipak CCU and is priced at \$50,970.

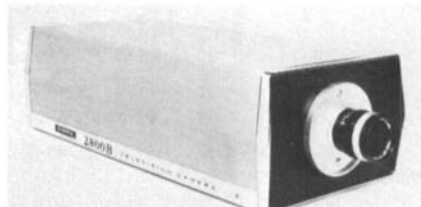


A **low-light, single-tube color Isocon television camera system** has been announced by Cohu, Inc., Electronics Div., Box 623, San Diego, CA 92112. Designed for color applications at extremely low light levels, the camera system, designated Model 7400, features high sensitivity and NTSC color output. The system consists of a camera, a camera control, and a color control. The camera head can be located up to 1000 ft from the control units. Typical applications include specialized medical research where the

camera is interfaced with a high-power microscope and videotaping live theatrical productions utilizing the available light in the theater. Prices begin at \$35,136.



An **environmental single-tube color television camera system**, model 1420, been announced by Cohu, Inc., Electronics Division, Box 623, San Diego, CA 92112. The new camera uses the 1490 color control unit. In its cylindrical-shaped, environment-resistant housing, model 1420 can operate in temperature extremes from  $-20^{\circ}\text{C}$  to  $55^{\circ}\text{C}$ . The camera has a 6-in diameter. The length depends upon the lens selected. With the  $1/2$ -in  $f/1.4$  lens, the length is 14.2 in and the weight is 15 lb. Applications include observation of flue gasses, stack gasses, jet exhausts and other applications requiring color pictures under harsh conditions. Prices begin at \$6300.



A **new television camera**, Model 2810 B, designed for long-term unattended operation, has been announced by Cohu, Inc., Electronics Div., Box 623, San Diego, CA 92112. Features include 900 lines horizontal center resolution, 40,000-to-1 automatic light range, 10-shade gray-scale resolution with  $0.5\text{ lm/ft}^2$  of high-light illumination on the image tube faceplate, and modular etched glass epoxy circuit boards with all solid-state construction. Manual operating controls are provided on the camera's rear panel. The camera can also be remotely controlled by means of a Cohu 2380 series remote control. The 2810 B contains an internal EIA RS-170 sync generator. A CCIR sync generator and a genlock are available as options. With a video cable and a television monitor, the 2810 B provides a CCTV system. Among other applications, the 2810 B can be used for security surveillance of parking lots, corridors, restricted areas and the like. The price of the 2810 B camera system is \$1825.

A **new black-and-white Vidicon**, designated the WV-1000A, and the Newvicon CCTV camera series have been announced by Panasonic. One