
INDUSTRY NEWS AND EDUCATIONAL ACTIVITIES

FKTG (Fernseh-und Kinotechnische Gesellschaft e.V.) will hold its 9th annual conference September 21-24, 1981, at the Professional College in Ulm, West Germany. Presentation of invited papers will be followed by a panel discussion.

The conference will open on Monday afternoon, September 21. The Tuesday morning session will be on "Application Possibilities of Microprocessors in Television Technology." Invited papers will be presented on the topics of studio technology; broadcasting and transmitter technology; and receiver technology.

The Wednesday morning session will cover "Improvement of Television Film Reproduction." Papers will be presented on such topics as improved film reproduction through applications of electronic procedures for the adjustment of systems parameters by electronic means,

scanning of single-source originals, and quality improvement through liquid gate printing.

Thursday morning's session will be on "Light Conductors in Television Technology." Invited papers will be presented on such topics as light conductor technology, application possibilities for the camera, and transmission technology.

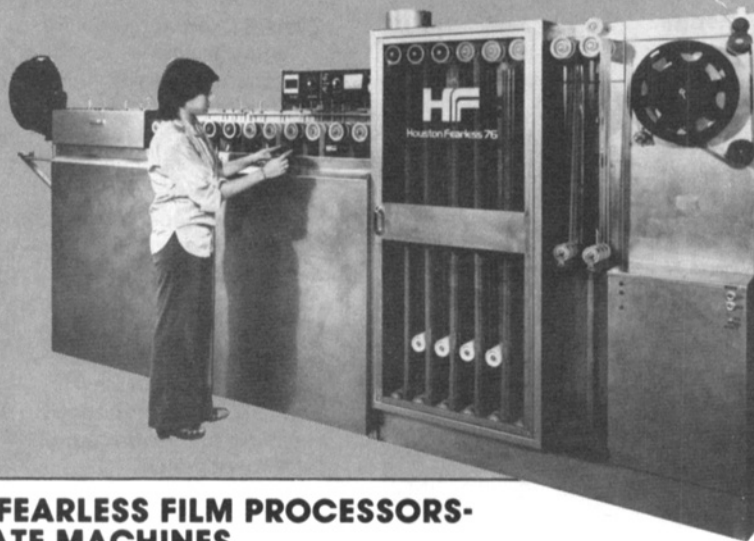
Further information is available from Dipl.-Ing. Georg Drechsler, c/o ZDF, Postfach 4040, 6500 Mainz, West Germany.

Warner Amex Cable Communications, Inc., 75 Rockefeller Plaza, New York, NY 10019, has announced beginning construction of a \$100 million cable television system in Dallas. The franchise encompasses more than 400,000 homes. The 2,360-mile system will have a ca-

pability of 100 channels plus two-way interactive QUBE service for fire, burglary and medical alert.

Schneider Corporation of America has acquired Tele Cine Inc., according to a joint announcement made by Gil Hoffman, President of Schneider Corp., and Donald Collins, President of Tele Cine Inc. Also announced was the formation of a new company, Tele Cine Corp., which will operate as a wholly owned subsidiary of Schneider Corp. of America. Tele Cine Corp. will be the exclusive distributor of Schneider lenses for broadcast television cameras in the United States and Canada. Hoffman will serve as the new corporation's president and Collins will serve as executive vice-president. Schneider Corporation of America is a wholly owned subsidiary of Jos. Schneider GmbH & Co. based in Bad Kreuznach, West Germany.

Cassette assembly operations began early this year at TDK Electronics Corp.'s \$50 million video production



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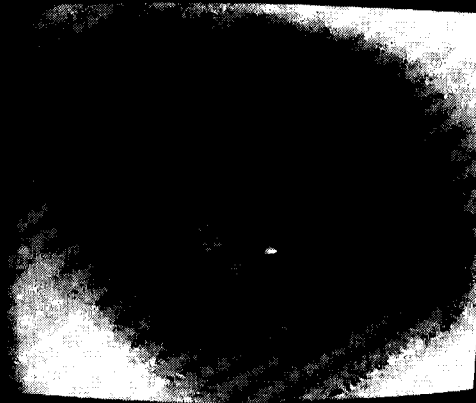
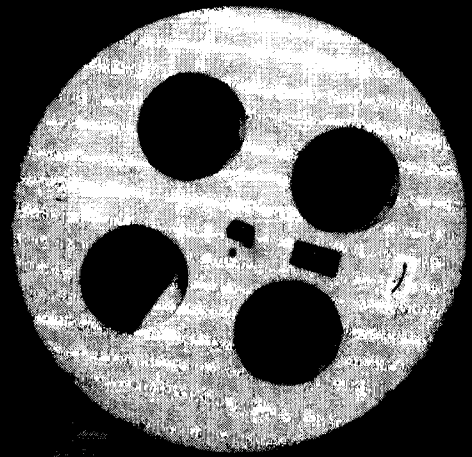
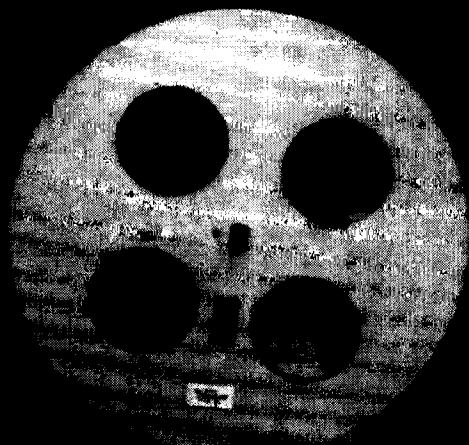
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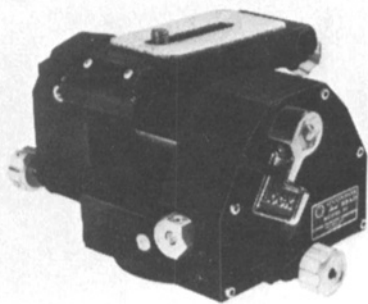
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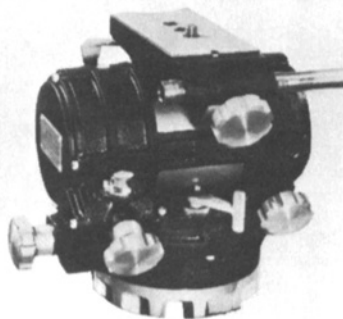
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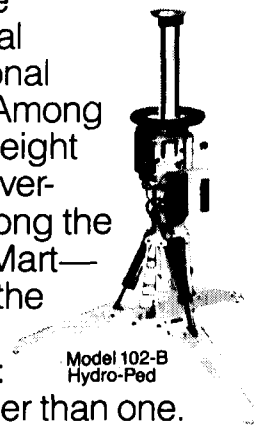


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Model 50

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plant located on a 50-acre site in Peachtree City, GA. TDK headquarters are at 755 Eastgate Blvd., Garden City, NY 11530. The Georgia plant, under construction since the fall of 1979, is fully automated and utilizes state-of-the-art machines, computers and dust-free environment.

William G. Hyzer was cited as the outstanding Engineer of the Year by the Wisconsin Society of Professional Engineers, and Brian L. Hanson was cited as the Outstanding Young Engineer of the Year. Hyzer, a Fellow of the SMPTE, is well known as an authority on high speed photography and photonics. In 1969 he was awarded the E. I. du Pont Gold Medal by the SMPTE for his contributions and achievements as a consulting engineer in the field of photoinstrumentation and high speed photography.

Lee L. Caput has been appointed Fernseh's Regional Manager for the South Central United States with headquarters in Dallas, Tex. Fernseh Inc., which is based on Salt Lake City, manufactures and distributes broadcast CCTV and CATV equipment.

Michael S. Arnold has been appointed Chief Engineer for Scene Three Video, a video production company located at 1813 8th Ave. South, Nashville, TN 37203. He was formerly with WDCN-TV, the PBS affiliate in Nashville, where he was Assistant Chief Engineer. In his new post he will head the engineering staff which will be responsible for the installation, operation and maintenance of all engineering equipment at Scene Three Video.

Joseph A. Moscaret has been appointed Vice-President, Film and Videotape Security for Paramount Pictures Corp., One Gulf and Western Plaza, New York, NY 10023. Prior to this appointment he was Director, Film and Videotape Security for Paramount. In his new post he will continue to be responsible for developing film and videotape piracy preventative measures and for developing security practices to protect Paramount's films and videotapes. Under his guidance several important controls have already been set up nationally and a number of other measures are being developed to further strengthen print and videotape security at Paramount.

BARCO's new series Master Control Monitors: tailored to your needs

CTVM 3 Colour monitors.

In order to satisfy the variety of monitor applications the CTVM 3 series allows you to choose your colour monitor corresponding exactly to your specific wishes regarding screen size, CRT type, resolution, special facilities, decoders and mechanical construction.

- Screen sizes: 37 cm (15") or 51 cm (20") screen.
- Cathode ray tubes: delta gun shadow mask CRT or slot mask CRT.
- Resolution (for delta gun): Standard, semi high or high resolution.

• Versions:

The A version incorporates special facilities such as pulse cross mode, notch filter, split screen, RGB switches, RGBS output, R-Y and B-Y output.

B version: without special facilities.

- Decoders: with an optional set of decoder printed circuit boards plugged in, the CTVM 3 accepts composite NTSC, PAL or SECAM signals (Comb filter or aperture correction optional on NTSC version).

- Mechanical construction: conversion from cabinet to rack, VTR bridge, in-wall or ceiling mounting is easily accomplished without dismantling the monitor through the optional special mounting kit.

TVM 3 monochrome monitors.

The BARCO professional monochrome monitors are measuring instruments for use in broadcasting, industrial and educational applications where quality and reliability are most required.

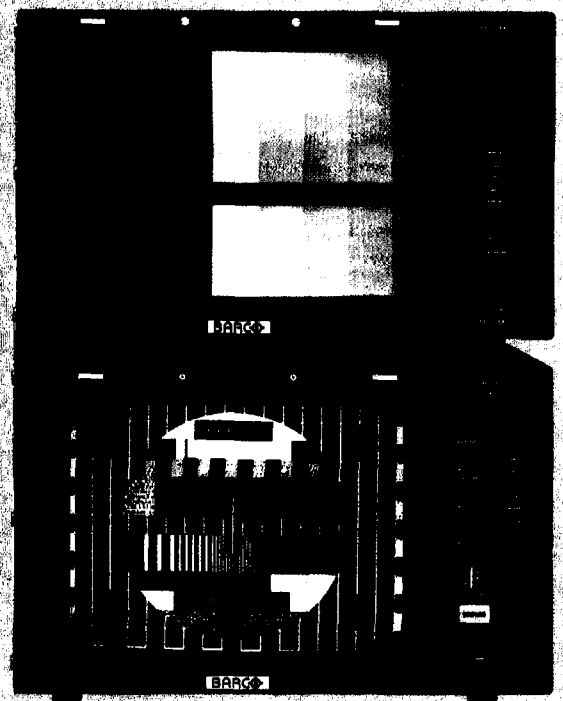
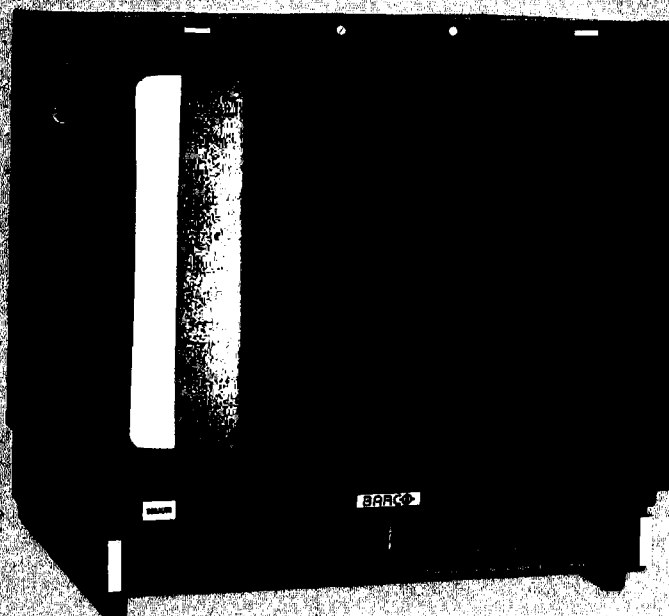
Facilities to be essential including colour subcarrier filter, pulse cross, size switch, remote control, internal/external sync, offer broadcast-oriented operating features and controls.

As regards to the CRT a choice is offered between WA (8500°K Illuminant D) and W (9.300°K) phosphors. Screen size and mechanical construction can be chosen as with the colour monitors.

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BARCO

(White ... continued from p. 730)

... For his invaluable accomplishments in various fields of technical publication ... For his unique service to the development and advancement of photographic standards ... For his exceptional leadership in photographic organization ..."

In that same year he was awarded the Centennial Award of the School of Engineering and Applied Science by Columbia University.

Dr. White held membership in a number of professional societies other than the SMPTE. He was a Fellow of the

SPSE and became Editor of its journal, *Photographic Science and Engineering*, in 1968. Other organizations of which he was a member included the Optical Society of America, the American Chemical Society and Sigma Xi.

One of the towering figures in the photographic world, Deane Rowland White will be keenly missed by all his friends and associates. He is survived by his wife, Elizabeth, two sons, Charles and Lowell, a daughter, Doris Solbrig, 10 grandchildren and two great-grandchildren.—Alex E. Alden

(Schade ... continued from p. 730)

honorary degree of Doctor of Engineering by Rensselaer Polytechnic Institute for "his part in the development of radio and television" and for his "faculty for overcoming limitations in engineering measurements and techniques." Other awards given to Dr. Schade include the National Association of Manufacturers' Modern Pioneers on American Frontiers of Industry, 1940; RCA Victor Award of Merit, 1947; Morris Liebman Memorial Prize, IRE, 1950; the first David Sarnoff Gold Medal, SMPTE, 1951; Progress Award, SMPTE, 1960; and the Vladimir K. Zworykin Award, IEEE, 1969. He was made a Fellow of the SMPTE and the IRE in 1951.

The oft-cited accomplishments and awards partially summarized here cannot depict all aspects of Otto Schade — to know Otto one had to visit his Harrison lab, possibly to catch him in a spirited discussion with a colleague on a fine point of, say, the quantum efficiency of human vision. Then, the engaging smile and eyes, accompanied by crisp German accent, would emerge. Or, if not studying or writing, he might have been seen working with the wide-band color television chain by which he demonstrated the effects of the NTSC system on color detail perception. That hand-assembled flying spot scanner and video display evolved from his early developments of adjustable phases and cut-off video amplifiers, high efficiency deflection systems, r-f doubler high-voltage supplies and variable rate sync generators.

His supervision and tutelage of those fortunate enough to work for him exemplified the old-world master-apprentice system that passed on some of the craftsmanship that only he possessed. That devotion to perfection could be seen also in his pride in fine mechanisms: Otto once delighted his associates during a holiday lab party by running the miniature four-cylinder overhead valve L-head gasoline engine that he had built years before.

At the Schade home, his photo darkroom was equipped with his design of an integrating spot photometer for automatically timing the exposure of enlargements. This was used for a variety of subjects — pictures taken through his Leitz metallographic microscope that he equipped with shaped apertures to illustrate image structure, a picture of a hand-built model rigged sailing boat, his lathe, or his colleagues at work in the lab.

In his study with his wife, Marta, as at the lab with his associates, he would often discuss his projects over a cup of coffee. He loved and lived his work.



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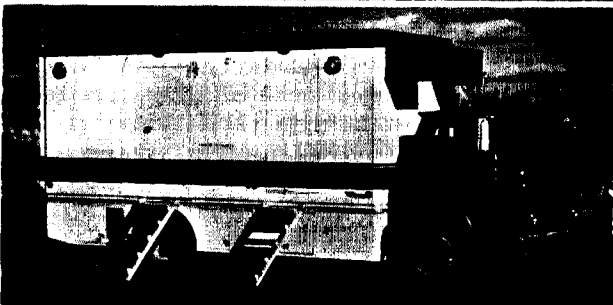
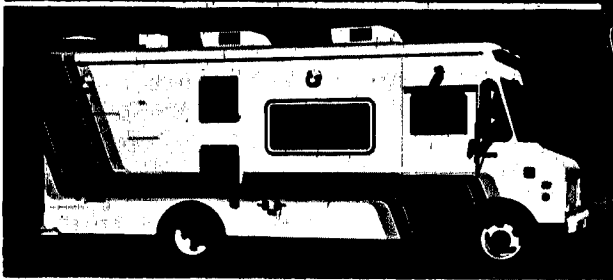
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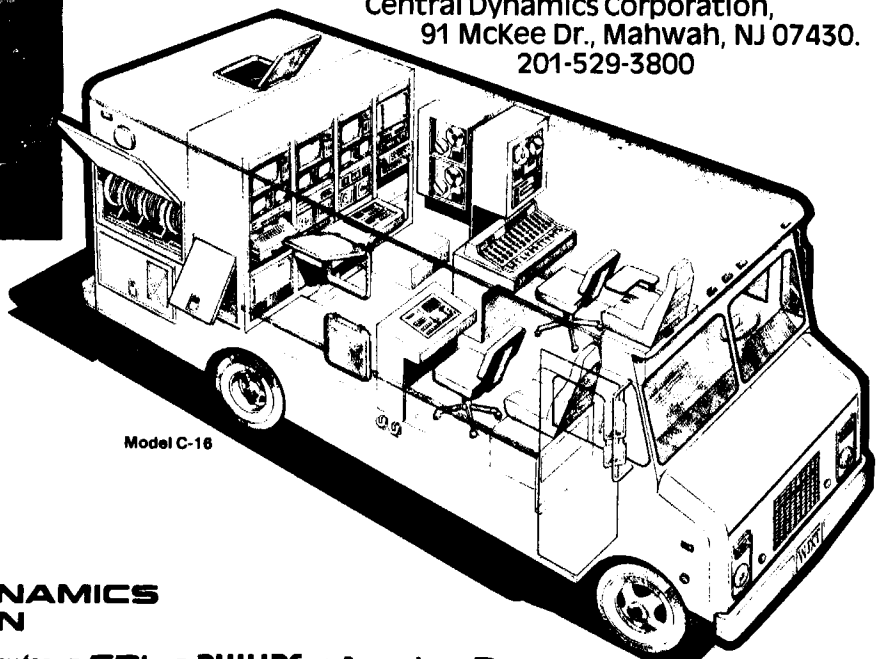


Photos courtesy Woll Coach (Models A, C, D); Shook Electronics (Model B)



It's easy to get started. Call or write and our design team will aid you in selecting a model and equipment to match your budget and application.

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Model C-16

A-10: 10-11' production area, 1-2 cameras, 1 portable VTR, audio mixer, video switcher, audio cart recorder, and ancillary equipment.

B-14: 12-14' production area, 2-3 cameras, 1 studio VTR, audio console, production switcher, audio cart and reel/reel recorder, intercom, and ancillary equipment.

C-16: See illustration to right. 16-18' production area, 2-4 cameras, 1-2 studio VTR's; other equipment similar to B-14.

D-22: 18-24' production area, 3-6 cameras, 1-3 studio VTR's, A/V routing switcher, 2 audio cart recorders, telephone system; other equipment similar to B-14.



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