

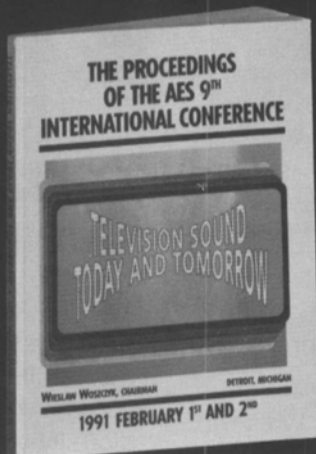
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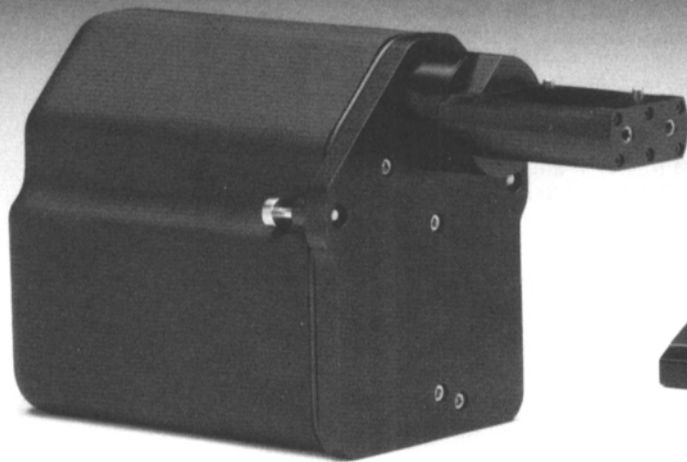
Magni dual-standard vectorscope

VS531DS, a dual-standard vectorscope designed for NTSC/PAL applications, has been added to the 500 Series by Magni Systems, Inc., 9500 S. W. Gemini Drive, Beaverton, OR 97005. The product incorporates a range of features designed to simplify routine measurements, including on-screen readouts of critical parameters and precise horizontal and vertical cursors. It also offers an absolute sync-to-subcarrier phase measurement function: readouts clearly indicate out-of-tolerance errors and a moving indicator permits "eyeball" adjustments to be made without a separate sync-to-subcarrier phase meter.

The company also announced the availability of an optional remote-control panel for its 500 Series. **The RM500** permits direct one-button access to the memory settings built into all of the series' waveform monitors. Recall of any setting from the product includes input and format assignments, identifying display labels, and other saved parameters. Up to 15 memories may be activated from the remote, which with appropriate cables may be sited at any distance from the monitor being controlled.

D100 NTSC decoder, launched by Broadcast Video Systems, Ltd., 40 W. Wilmot St., Richmond Hill, Ont. L4B 1H8, Canada, offers digital separation of luminance and chroma and delivers full bandwidth decoded outputs free of NTSC artifacts. All decoding parameters, including filter weighting algorithms and luminance equalization, are digitally controlled from the front panel or from an optional remote panel. A front panel bar graph indicates deviation from unity of each parameter. Three complete control panel settings may be stored in the on-board nonvolatile memory and recalled on command. Input

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*ACADEMY OF MOTION PICTURE ARTS AND SCIENCES SCIENTIFIC AND ENGINEERING AWARDS 1983, Awarded to G.P. Michelson for the Engineering and development of an improved, electronic, high speed, precision light valve for use in motion picture printing machines.

switching on the product allows either NTSC or S-VHS YC signals to be selected. Simultaneous outputs of YC, Y/R-Y/B-Y, and RGB are provided on the rear panel. Internal pinning allows sync to be added to any or all of the RGB outputs.

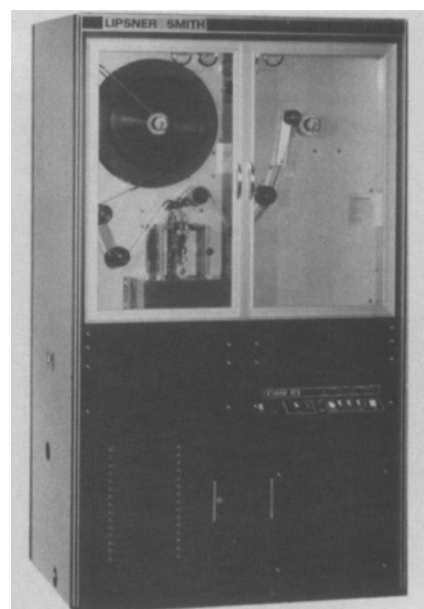
The company also introduced four models of Masterkey linear keyers. All models feature absolute linearity over the full gray scale and may operate either standalone or downstream from any switcher. Different control systems and additional features are incorporated to satisfy a wide range of applications, such as preview output, frame accurate mix to key and fade to black, GPI interface, key source input switcher, key set memory, and internal masking.

A footage frame counter has been unveiled by Denecke, Inc., 5417 Cahuenga Blvd. #B, N. Hollywood, CA 91601. The Cine Sync® EC-2 TC provides continuous footage and frame information at 24 and 30 frames/sec. It also puts out time code to drive remote underscreen displays such as the Denecke Dcode™ TC-Maxi and TC-Mix studio time code readers.

The ARRI Soft 2000, a bright softlight, has been made available by Arriflex Corp., 500 Route 303, Blauvelt, NY

10913-1123. Designed with the narrowest profile of any existing softlight, only 5.5-in. deep, the product is 15% brighter than any other 2-kW softlight, producing 116 fc at 12 ft. The product is designed with interchangeable reflectors. In just seconds the operator can remove and replace the basic soft white reflector with a hard aluminum reflector for greater light output, a special anodize reflector to modify the color temperature without using gels, or a new soft white reflector without causing any downtime.

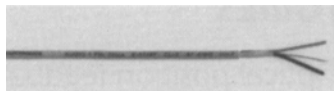
The company also introduced a complete line of technologically advanced ARRI electronic ballasts, which completely eliminate strobing and flicker during filming regardless of line frequency, camera speed, or shutter angle. The 575/1200 dual ballast automatically adjusts from 90 to 132 V and from 180 to 264 V. The 2500 to 12000-W ballasts automatically adjust from 195 to 250 V, and can be dimmed electronically from 100% to 50% of light output. The electronic ballasts have convenient switching for either normal operation with a low-noise sine wave or a flickerfree square wave to accommodate variable camera shooting speeds, shutter angles, or line frequencies. All ballasts, except the 2500 W, have a power factor of 1.0 to minimize generator demand.



Lipsner-Smith CF3000 MK-V film cleaner

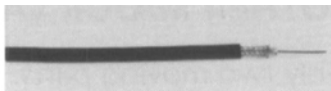
A new product has been announced by Lipsner-Smith Co., a subsidiary of Research Technology International (RTI), 4700 Chase Ave., Lincolnwood, IL 60646-1689. The CF3000-MK V, an ultrasonic film cleaner designed to clean motion-picture film in the laboratory or prior to transfer to videotape, offers op-

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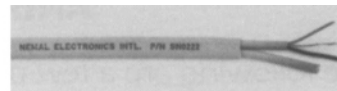
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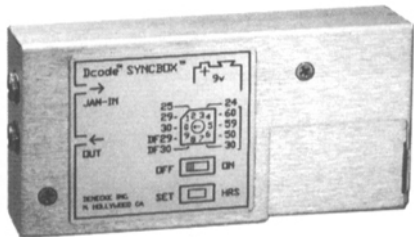
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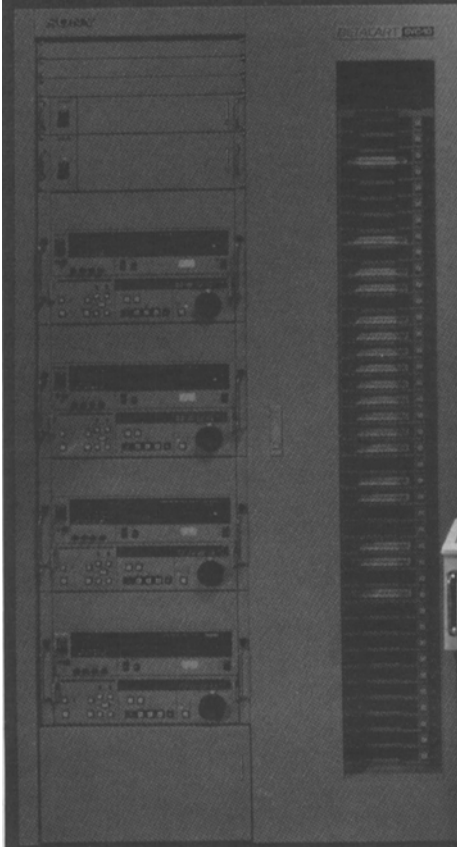
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tional submerged buffing that ensures complete removal of stubborn dirt without harming the film in any way. Its features include newly designed solvent strippers that allow operation speeds of up to 200 ft/min, almost twice the speed of conventional units. In addition, increased refrigeration efficiency provides enhanced solvent recovery.



RTI Tapechek 490M videotape cleaner

RTI unveiled **Tapechek® 490M**, which allows quick and easy recycling of MII format videotapes. The product cleans and polishes tapes, removing loose oxide and dirt. In addition, it inspects a 90-min tape in as little as 2 min. A tape information display shows tape length in minutes and the number and location of any physical defects. An optional printer output automatically produces a hard copy report of tape condition.

Tapechek VT-1400 recycles both large and small Betacam format cassettes, such as those used for ENG, EFP, and studio editing applications. The product will identify tape damage before an important recording is lost. Via a precision cleaning and polishing mechanism, the VT-1400 removes dust, dirt, and loose oxide that causes dropouts, thus improving tape performance.

RTI also announced a **dropout counter for D-2 format videotapes**. Tapechek D-211 provides the user with an accurate, reliable, and quantifiable means of on-line evaluation for D-2 tapes. It monitors the off-tape RF prior to any error correction or concealment codes, and results in a valid assessment of tape surface integrity. A hard copy printer provides a permanent record of both dropouts per interval and cumulative dropouts from two independent counters, each with user-selectable depth and duration.

A **30-min digital audio tape (DAT) cassette** has been added to the line of 467 DAT products, it was announced by Ampex Recording Media Corp., 401 Broadway M.S. 22-02, Redwood City, CA 94063-3199. The new length will be offered in the company's DATpak™ standard professional packaging and unlabeled bulk configurations. The company also revealed that its existing 45-min DAT cassette will be reconfigured as a 46-min cassette.