

PRESTO SEAL
PRO MODEL PRESTO SPLICER
 the invisible butt-weld splicer



splices CINEMASCOPE on
 precise frame line, —
 permanently in 10 seconds!

Yes, it also splices
 Cronar-Polyester Base.

Test It. Project It.

CAN'T FEEL, SEE or HEAR IT!
 No bleeps on magnetic film.

... with new

PLUG-IN HEATER BLOCK

eliminates down time!

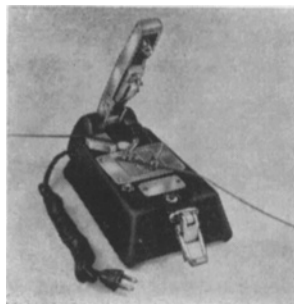
... replasticized! Eliminates drying out, no
 overlap, no cement or scraping, no double
 thickness or distortion. Guarantees perfect
 frame alignment. No light required.

For all sizes of high speed magnetic com-
 puting film and tapes.

Also, The New

MT-1M PRESTO SPLICER

for welding together
 1/4" MYLAR & ACETATE TAPES
 without cement or adhesives



- Diagonal cut capable of withstanding 3 pound pull
- Inaudible with playback amplifier gain at maximum

\$67. F.O.B.

Sample splice and Brochure on request.

PRESTOSEAL MFG. CORP.

3727 33rd., Long Island City 1, N. Y.



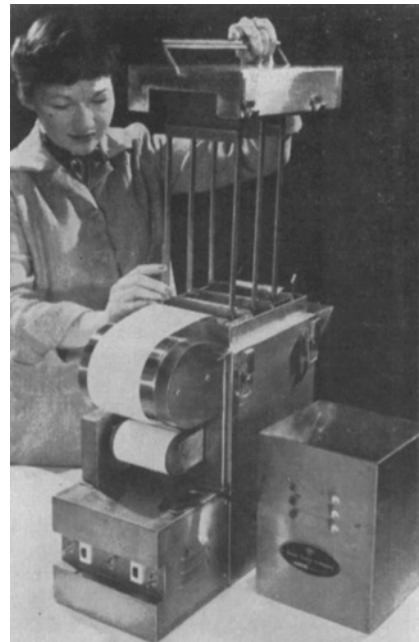
new products

(and developments)

.....
 Further information about these items can be
 obtained direct 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.

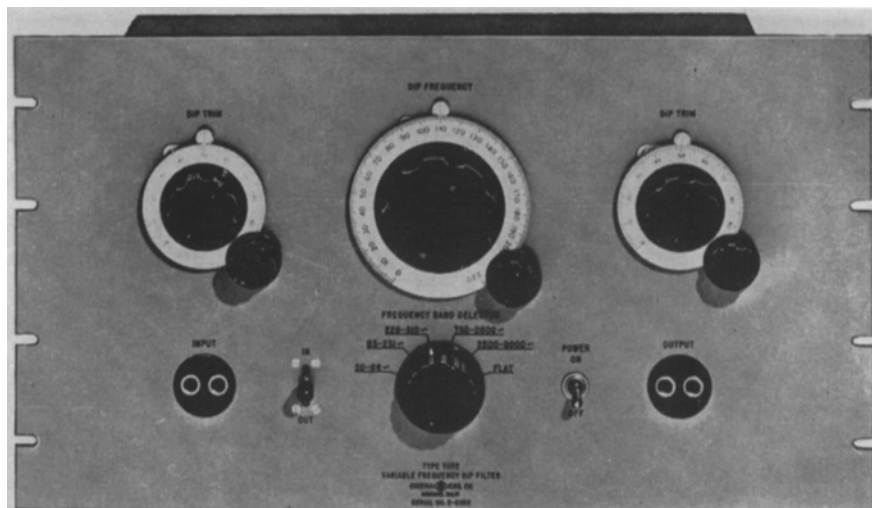
The **Magne-Cam System** comprises a new
 line of three compact magnetic sound
 cameras originated by R. Rees Lumley, 339
 South Warren St., Syracuse, N.Y. The
 Magne-Cam Jr. is a single system sound
 and picture camera to use prestriped,
 sensitized film of any type. It is driven by an
 a-c synchronous motor at 24 ft/sec only.
 Film capacity is 200 ft. Magne-Cam Sr. is
 also a single-system camera with demount-
 able, light-trapped magazines of 200, 400
 and 800-ft capacity. The recording ampli-
 fier is provided with a simple playback
 circuit for direct headphone monitoring.
 Magne-Cam Pro. uses the double system of
 recording sound magnetically. Picture and
 magnetic sound are recorded simulta-
 neously on separate films, one conventional,
 the other a plain leader with a 100-mm
 magnetic stripe. Magazines are of 400, 800
 and 1200-ft capacity. Other features are:
 dissolving shutter, Veeder counter, four-
 lens turret, direct playback, Wall D type
 intermittent. An accessory player and re-
 recorder, the Magne-Phone, is available.

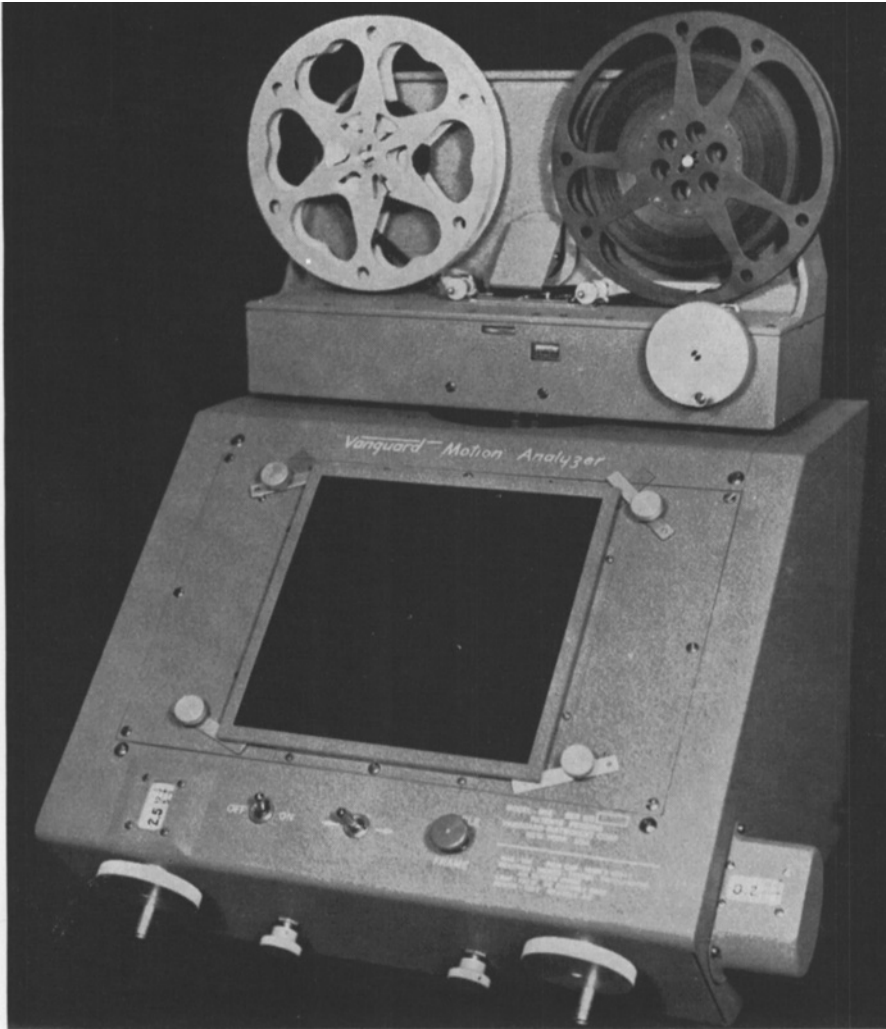
A new variable high- and low-frequency
 filter for the elimination of unwanted noises
 in sound reproduction has been put into
 production by Cinema Engineering Co.,
 Div. of Aerovox Corp., 100 Chestnut St.,
 Burbank, Calif. Known as type 7052, it
 incorporates a 4-stage amplifier having an



Processall is a new portable photographic
 film and paper processing unit designed to
 accept all conventional sizes of both roll
 films and papers up to a maximum of 12
 in. wide, for automatic developing, fixing
 and drying. At present there are two basic
 models, with the smaller reported priced
 below \$1,000. Full details are available
 from the Engineering Sales Dept., Oscar
 Fisher Co., Inc., 1000 N. Division St.,
 Peekskill, N.Y. The unit is described as
 weighing less than 50 lb and 18 x 18 x 8
 in. Motion-picture film in sizes 16mm,
 35mm and 70mm is reported to be pro-
 cessed at 5 ft/min for black-and-white.
 Additional units may be added for color or
 reversal processing.

R-C interstage coupling network. Technical
 features include "in and out" switch, triple
 mu-metal shielding of transformers, shock
 mounting of tubes and general electrostatic
 and electromagnetic shielding to permit
 operation in low-level circuits. Frequency
 range is 20 to 15,000 cycles response, plus or
 minus 1 db. Output level is -2 dbm with
 output impedances to work into 200-250,
 500-600 ohm balanced lines.





The Vanguard Motion Analyzer is a specialized projector which measures linear motion vs. the time interval of events recorded on film. Information thus obtained determines velocities, accelerations, deflections and stresses. The Analyzer is for use with 16mm film and has an image magnification of 10X; the lens is a 50mm $f/2.0$ Wollensak Raptar; film transport is either manual or motorized; counter both adds and subtracts; cross-hair positions can be read directly to 0.001 in. on dials; and projection head can be rotated 360° to align angular motions on film with either of two cross hairs. Although designed particularly to aid in the study of high-speed motion pictures, it can also be applied to oscilloscopic recordings on film, as well as to other photographic instrumentation. Sales agent is the Photographic Analysis Co., 100 Rock Hill Rd., Clifton, N.J. Price: \$1825.00.

A new catalog of motion-picture printing equipment and accessories is available from Motion Picture Printing Equipment Co., 8136 North Lawndale Ave., Skokie, Ill. Detailed specifications and glossy photos are provided of this company's optical printers and printing heads, an automatic fade unit, electronic cuing system, and automatic light control shutter.

The Du Mont Color Planning Packet contains descriptive information on all Du Mont's color TV broadcasting equipment. Besides numerous leaflets on individual items, it includes a 35-page booklet showing complete planned systems and layouts and a 20-page brochure on the film multiscanner. Copies may be obtained from the Allen B. Du Mont Laboratories, Inc., Television Transmitter Dept., 1500 Main Ave., Clifton, N.J.

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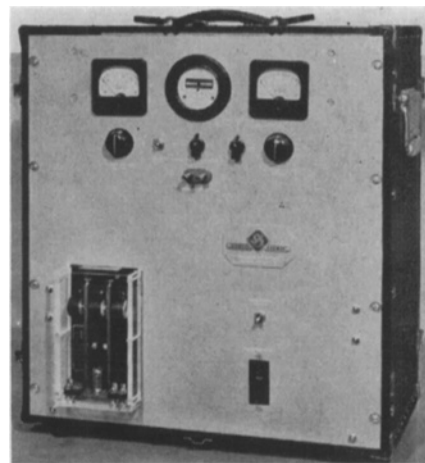
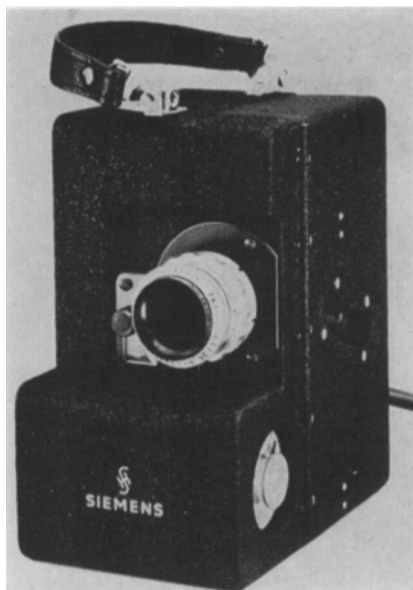
Professional cards available to members 12 insertions, 2 x 1 in., \$60

Byron, Inc., of Washington, D.C., announces the addition of a Magna-Striper unit to their laboratory. The Reeves machine is the 16mm counterpart of the same system that is used on CinemaScope productions. The system allows magnetic soundtrack to be added to any 16mm film, even films which already have an optical track. Narration, music, or special sound effects can then be added by the user as the film is projected. 100-mil track is used for regular sound stock, 50-mil track for a combination of magnetic and optical, and a 28-mil stripe is applied to the opposite edge for balancing. Byron, Inc. is prepared to offer one-day striping service to the trade. The price for any width is 1½ cents per foot.

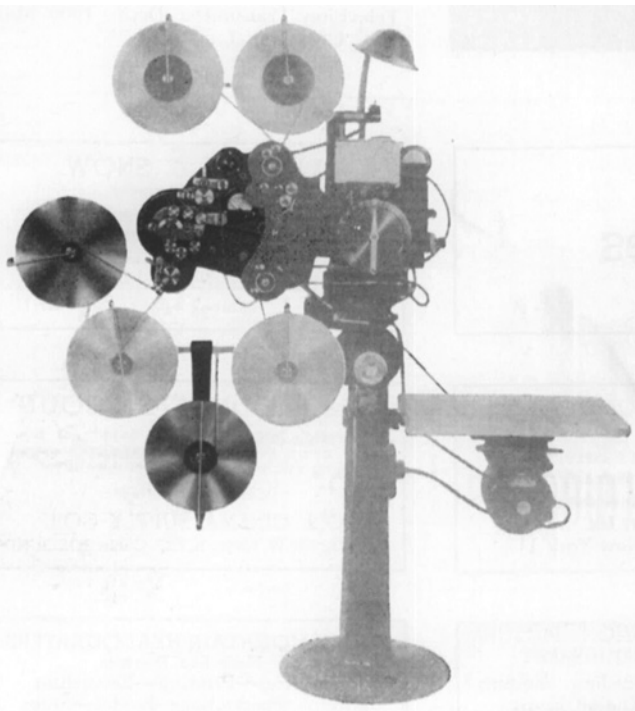
Kodak Books and Guides is a new listing of sources of information on all phases of photography, amateur and professional, published by the Eastman Kodak Co. The publications described in this guide have been prepared by experts in their respective photographic fields. They include the latest authoritative information on both general and specific photographic subjects, including the industrial, scientific and graphic arts fields. It is available, free of charge, from the Sales Service Div., Eastman Kodak Co., Rochester 4, N.Y.

The Siemens 16mm Recording Camera is a new camera which consecutively numbers each frame for time-lapse photography or synchronization of a number of cameras.

It operates from a standard 24-v battery or rectifier and is capable of taking from 5 pictures a second to 1 picture an hour. Magazine-loaded, it permits 1600 individual exposures to be made in a single loading. Lenses up to 1000 mm (40 in.) are available. A Siemens Recording Camera Model B without lens, including power supply cable and focusing magnifier, costs \$395. Further information may be obtained from Ercona Camera Corp., 527 Fifth Ave., New York 17.



Variable-Frequency Input Power Supply Model V1B has been developed by Stancil-Hoffman Corp., 921 N. Highland Ave., Hollywood 38, Calif. It is designed to meet requirements of the instrumentation and recording fields. With the frequency source varying between 40 and 90 cycles and a voltage variation of from 100 to 150 v, the Model V1B will supply a 60-cycle frequency standard at 117 v under varying load conditions to a maximum of 500 w. In addition to the portable unit shown, it is also designed for rack or cabinet mounting. It is 21 × 19 × 10 in. and weighs 145 lb.



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