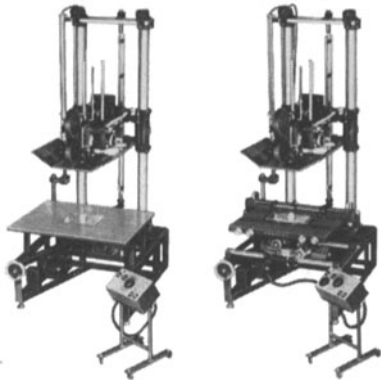


New!
PACKAGE PROGRAMS
OXBERRY MASTER SERIES



FOR SLIDE-FILMSTRIP

OXBERRY AUTOFOCUS SLIDE-FILMSTRIP STAND Model FS-4300

This Master Series Stand has been designed for high speed, top quality film strip production. Autofocus combined with automatic rackover and lamp that projects aperture onto table top are invaluable in quickly positioning various sized pieces of art work. Receives up to 35" art work. Accessories may be ordered to include animation components, other lenses, double aperture shuttle, top lighting, etc.

BASIC STAND: Welded steel base, ground steel 4½" diameter dual columns. Ball bearing camera carriage, manual drive. Foursided zoom scale. Shadowboard. Fixed table top 36" x 48" has 9" x 12" hole in center with removable glass and wood inserts. Overall height 11'4", width 48", depth 58".

CAMERA: OXBERRY 35mm with rackover and viewfinder. Fixed pin registration. 47mm lens. Autofocus. 400-ft magazine, automatic take-up and single speed stop motion motor. Price, complete \$9,100.

FOR ANIMATION

OXBERRY AUTOFOCUS ANIMATION STAND Model MP-4200

This is a standardized package unit incorporating all the basic requirements necessary for shooting full animation. A full line of accessories available for individual requirements. The difference between this unit and the OXBERRY Custom stand is primarily on rarely used special features.

BASIC STAND: Welded steel base, ground steel 4½" diameter dual columns. Ball bearing camera carriage, manual drive. Four-sided zoom scale. Shadowboard. Height 11'4", width 48", depth 58".

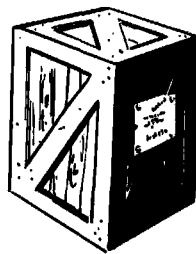
COMPOUND: 28" x 34" table top. Two 12-field peg tracks, hand-wheel controlled, with counters and locks. Two 18-field "push type" peg tracks calibrated in 20ths. 9" x 12" cut-out in table top for underlighting. Ball bearing compound movements. N.S., E.W. and 360° rotation. All movements have handwheel control with counters and locks. Gimbal-mounted camera with 12-field, 18-field glass.

CAMERA: OXBERRY 35mm with fixed pin registration. 47mm lens. Autofocus. Automatic take-up. Single speed stop motion motor. Straight through viewing device. 400-ft. 35mm magazine. Price, complete \$10,200.

ALL EQUIPMENT AVAILABLE ON LEASE-PURCHASE PLAN

Also New!
OXBERRY UNISTAND
 Animation - Filmstrips
 Titles - Photoengraving
 Photocopying - Enlarging
 Prices from...\$1,295

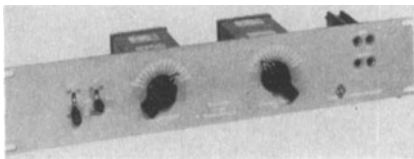
SEE YOUR DEALER OR WRITE TO
 DEPT. SM-7
ANIMATION EQUIPMENT CORPORATION
 38 Hudson Street, New Rochelle, N.Y.



new products

(and developments)

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 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.



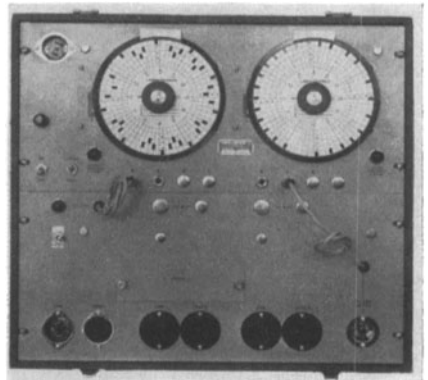
The Model S-305 Variable Band Pass Filter has been announced by Studio Electronics Corp., 711 S. Victory Blvd., Burbank, Calif. The new bandpass filter is for use in disk, tape and motion-picture sound recording applications and for industrial uses requiring the reduction of the audio bandwidth to predetermined limits. The rack-mounted unit features two separate key switches to permit insertion of low-frequency and/or high-frequency filter sections independently, at whatever time and whatever cutoff frequency is desired. Normalled input and output jacks are also provided. Selector switches permit choice of any of 15 low-frequency cutoff points, for 30 to 200 cycles and any of 15 high-frequency points from 2 to 15 kc.

Studio Electronics Corp. also recently announced an improved program equalizer for motion-picture recording and TV use. It has output and input impedances of 600 ohms and an insertion loss of 14 db, provides up to 16-db attenuation and 12-db boost at 40 to 100 cycles, and at 3, 5, 7, 10 and 15 kc. The unit is provided on a standard rack panel; or component parts and dials may be purchased separately. The equalizer is designed for insertion in individual microphone or program circuits.

The 3-MAN-8 Octave Band Equalizer and Noise Source has been announced by Allison Laboratories, Inc., 14185 Skyline Dr., La Puente, Calif. Each band can be adjusted for level to simulate a given environmental noise spectrum. The unit incorporates a white noise generator and amplifiers and will supply signals for low-frequency and high-frequency power amplifiers. The Octave Band Filters are passive networks with hum-bucking construction. They have an attenuation rate of 40 db/octave. The spectrum coverage is from 20 to 9600 c with provision for a ninth band 9600 to 19,200 c. The noise generator can be set for constant energy per cycle or for constant energy per octave.

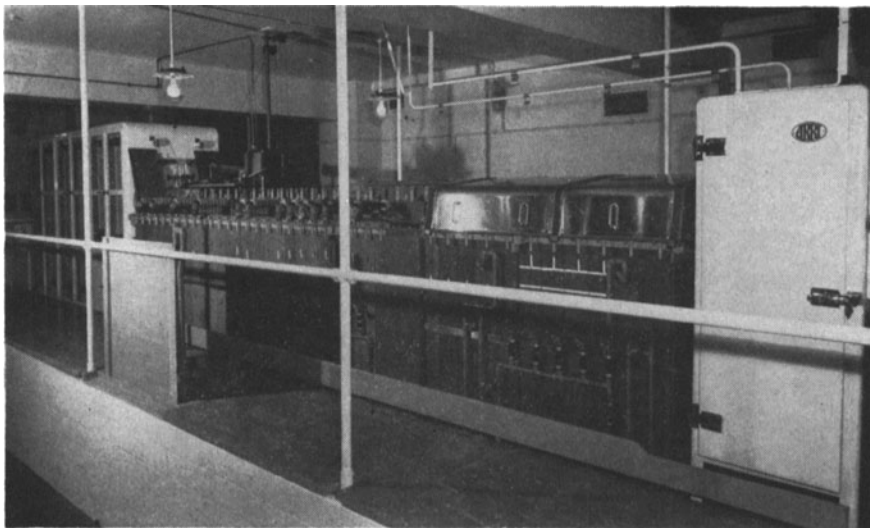
Power-supply accessories featuring improved Duratrak control-surface 10-amp Variac adjustable autotransformers and direct-reading metered models are manufactured by General Radio Co., West Concord, Mass. The company has also announced a line-voltage regulator, Type 1570-AS25, designed to meet military environmental requirements of shock, vibration, temperature and humidity. The regulator is servo-controlled and for 3-phase service.

A new magnetic sound recording tape has been announced by the Harwald Co. Its guaranteed minimum signal-to-noise ratio in presence of high-frequency bias is 55 db. It requires an erasing field of 1000 oersteds. The new tape is available on standard 1200-ft reels with 6-spoke design to eliminate warping. At usual running speeds, its output uniformity is said to vary less than 0.5 db within the reel, and less than 1 db from roll to roll. Specifications are in conformity with U.S. Navy Specification WT-0061. For details and prices, write The Harwald Co., Dept. 45, 1245 Chicago Ave., Evanston, Ill.



The CECO Programmer, Model 640A, an interval timer designed mainly for scientific and industrial research, can turn three separate electric loads on and off at times predetermined by the user; thus, three different on-and-off programs can be set up. A fourth program, consisting of momentary closings of a switch at predetermined times, is provided for. This is especially useful for operating time-lapse motion-picture cameras or synchronized-flash still cameras. Further information is available from Camera Equipment Co., 315 W. 43 St., New York 36.

The Cinetron IV, a color temperature control unit, has been announced by Forney Films, Cinetron Div., 1802 LaPorte Ave., Fort Collins, Colo. It is available for either 460-v or 230-v current and is equipped with six 30-amp rated output receptacles and six-position Ohmite selector switches. The 140-lb unit is designed to meet requirements of photographic assignments using ordinary lamps. Thirty-amp circuit breakers are used on the outlets with a 90-amp breaker on 230-v input or 50-amp breaker on 460-v input. Two General Electric meters show line draw and input voltage. A Simpson Kelibrator meter shows color temperature on any of the six outlets and selector switches permit balancing or blending of light clusters at temperatures up to 3400 K.



A daylight processing machine for 16mm Ektachrome has been designed by Rank Laboratories, Denham, England, and is now in operation. The new machine forms one side of a double-sided machine; the other side is for processing Eastman Color. The machine is built on two floors with the solution tanks, pumps and plumbing below the processing tanks. It has an output of 50 ft/min. The film magazines, take-off and elevator and, at the other end, drying cabinet and take-up are standard Arri equipment supplied by G. B-Kalle. The processing equipment was built in the laboratory workshops.

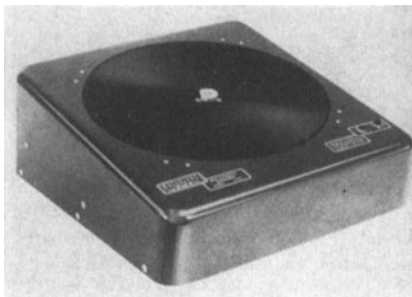
In the first tank following the elevator, the film is wetted with developer as a preliminary to a buffer roller in the second tank which removes the antihalation backing under a water spray. Four tanks provide first development (black-and-white) which takes 6½ min. A rinse tank is followed by a hardening bath. The second exposure takes place in a washing tank under the

surface of the water. One side of the tank consists of a glass window through which the moving film is exposed to the light of eight lamps.

In the next four tanks the process of color development is carried out. The developer is sprayed upon the submerged film and the upper rollers are below the surface of the solution. The film then goes through two washing tanks, a second hardener bath, another wash and then bleaching. This is followed by the final washing, stabilization and drying. Before entering the drying cabinet, the film passes through an air knife. The tanks are constructed of plastic and the pipes are of Dupoipe.

Solutions including washing water are maintained at a constant temperature of 80 F by means of warm water circulating through coils in the tanks. Temperature of developers is controlled by an electronic thermostat.

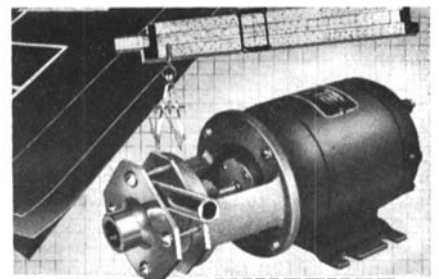
First production unit of a magnetic disk recording system developed by Radio Corp. of America for radio broadcasting has been delivered to station WDAS, Philadelphia. The magnetic disks, designed to facilitate recording and playback of commercial announcements and similar radio material, may be erased and reused. In testing, the disks were replayed 10,000 times and report without detectable wear or loss of quality.



A transistorized plug-in preamplifier designed for audio and instrumentation applications has been announced by Hallen Electronics, Division of Schoen Products, 332 N. LaBrea Ave., Los Angeles. Of modular construction, the unit is 1½ in. square, 2½ in. high, and operates from a 24-v power source. Designed for amplification of any low-level signal from a low-impedance source, the preamplifier supplies a maximum gain of 60 db for flat response. The signal-to-noise ratio is reported below 70 db, with frequency response from 7 c to 30 kc.

A semiautomatic Turntable Degausser, Model A-937, featuring a predetermined 20-sec timed cycle, has been announced by Magnasync Mfg. Co., 5546 Satsuma Ave., North Hollywood, Calif. It is designed to accommodate all sizes of instrumentation tapes and magnetic films. It is priced at \$159.50.

Twenty-one large seamless projection screens have been manufactured by the Stewart-Trans-Lux Corp., Torrance, Calif., under government contract for use at the American Exhibit in Moscow. Seven screens, each 20 ft high and 30 ft long are



**WHETHER
YOU ARE PLANNING
A NEW LAB...
...OR
REPLACING
A SINGLE
UNIT**

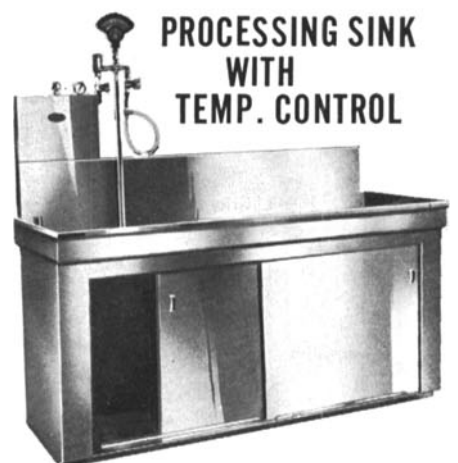
The same careful planning that goes into Fisher processing equipment is available to you in the form of a modern laboratory design service.

FISHER laboratory technicians carefully analyze the specific needs of your operation and follow through with sketches and recommendations that will enable you to produce more rapidly—at a lower cost without adding personnel to your staff.

Typical examples of Fisher design efficiency are: the compact, light weight centrifugal pump (pictured above) and the stainless steel processing sink (below).

No obligation on your part . . . costs you nothing for this service. Write today for the Fisher Job Layout Design questionnaire.

The Fisher line includes processing machines, processing sinks, tanks and trays, controls, regulators, mixers, washers, dryers and many other products that help to make photo processing a better more efficient industry.



**PROCESSING SINK
WITH
TEMP. CONTROL**

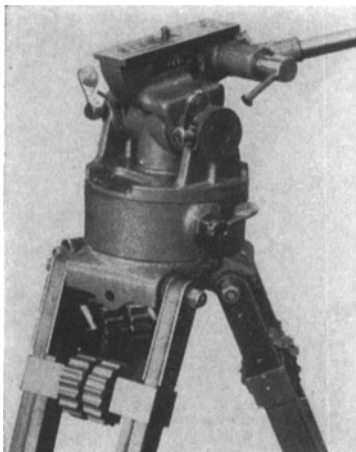
Stainless steel sinks for every job on spacious heavy duty cabinets (sink body is removable) or on sturdy angle girder type legs. Sinks are welded by the continuous seam, Heliarc method. Heavy type "316" stainless steel is fused to itself eliminating any electrolytic corrosive action. Other features include: Curve-clean corners, Die sumped drain outlet, Syphon drain, Adjustable leveling screws insulating undercoating. All sizes, length width and depth available. Prices on request.

**OSCAR
FISHER
COMPANY, INC.
NEWBURGH, N.Y.**

installed in the huge geodesic dome building. Eleven screens are installed in the Circarama building. The screens are of the Ultramatte type selected because of brilliance and viewing angle characteristics.

A 70mm projector alignment film, prepared by the Motion Picture Research Council, Inc., 6660 Santa Monica Blvd., Hollywood 38, as a result of the present availability of 70 - 35mm projectors can be used to check aperture dimensions which are or may be in use. The film can also be used to judge jump and weave, and to check travel ghost, focus and buckling. The film is available from the Motion Picture Research Council under Code No. PA-70. It is priced at 47 cents per ft at a minimum length of 100 ft, or in increments of 100 ft up to a maximum of 600 ft.

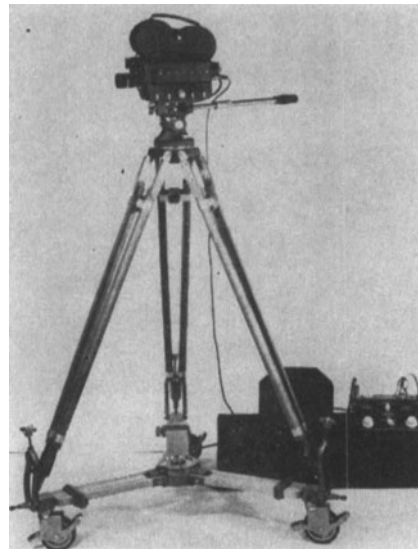
A tripod head called CECO Pro Jr. Fluid Head has been introduced by Camera Equipment Co., 315 W. 43 St., New York 36. The 8½ lb head uses a highly molecular silicone polymer which is unaffected by temperature ranges from -20 F to about 120 F. Pan and tilt chambers are placed horizontally to facilitate even distribution of fluid. The new head fits present Pro Jr. bases and accessories and will accommodate the following cameras: Auricon Cine-Voice (100 ft or converted for 400 ft); Arriflex 16 and 35; Maurer 16mm; Kodak Cine-Special; Bolex 16mm; Bell & Howell Filmo and Eyemo 35mm, and



Eclair Camerette. Features include adjustable tension on pan and tilt; maximum 90° tilt, and two-place pan handle with infinite adjustment. It is priced at \$300.00.

Products of Miller Professional Equipment Co. of Sydney, Australia, will be handled by Florman & Babb, Inc., 68 W. 45 St., New York, recently appointed exclusive East Coast distributor. Two new Miller Fluid Head Tripods have been announced, the Model D, medium weight, to accommodate all "hand" cameras, including Filmo, Cine Special, Arriflex 16, Bolex, Cine Voice, Auricon, etc. It is priced at \$150.00. A swivel base for fast leveling is available for this model, priced at \$59.50. The Professional, heavy duty model, will

handle larger cameras, such as Mitchell 16, Maurer, Super 600 and 1200 Auricon, Filmo, Cine Special with motors and magazines, and the Arriflex 16 or 35 with magazines. It is priced at \$299.50.



The S.O.S. Versa-Dolly has been announced by S.O.S. Cinema Supply Corp., 602 W. 52 St., New York 19. The device is a combination dolly with clamps, baby tripod triangle with clamps, and baby legs tripod. Used as a dolly with clamps it can be used for low tracking dolly shots only 12 in. off the ground and supports medium weight 16mm cameras and tripods. As a tripod triangle with clamps, it extends from 37 in. to 56 in. and holds heavy tripods and camera firmly clamped. Used as a baby tripod, it is only 17 in. high. It is priced at \$99.50.

A lightweight (56-lb) TV camera, the Marconi Broadcast Vidicon camera channel Type BD864, has been introduced by Marconi's Wireless Telegraph Co., Chelmsford, Essex. Printed circuits are employed to achieve overall size of 14½ in. high, 15 in. long, and 10½ in. wide. The camera channel consists of two units, the camera and the power supply/termination unit. The camera is self-contained and incorporates all operating controls in addition to a 7-in. picture display and 2½-in. waveform display. A 1-in. English Electric Valve Co. vidicon forms the "eye" of the camera. A four-position turret is used with provision for mounting a wide range of lenses or a zoom-type lens. Designed for quiet operation, an indexing mechanism gives a silent and rapid lens change.

A mobile television studio and videotape unit for production of TV commercials and feature programs has been announced by Termini Video Tape Services, Inc., 1440 Broadway, New York 18. The equipment is transported in two 1959 Ford Trucks, specially designed by RCA Broadcast and Television Equipment Div. One truck contains a TV studio with three RCA cameras designed for field work. The equipment includes a Zoomar lens, switching system, and audio system. An image orthicon is employed to overcome poor lighting conditions. Included in this truck is a stabilizing amplifier, an 8-channel

DRIVE SPROCKETS FOR PERFORATED TAPE

These drive sprockets are typical of the production of high precision machine parts considered a specialty at LaVeZZi. They can be manufactured to your specifications, held to extreme tolerances on pin diameter and registration, wheel diameter and concentricity, and can include hardened steel pins. The program on which you are working may need parts of this quality and we invite your quotation requests. Write for brochure today.

LaVeZZi MACHINE WORKS
4635 WEST LAKE ST., CHICAGO, ILLINOIS

Houston Fearless

NEW Color Labmaster

Faster! Better! Easier! Color Film Processing

SIMPLIFIED OPERATION

Automatic controls minimize need for personal supervision. Requires minimum of training.

ELECTRONIC SPEED CONTROL

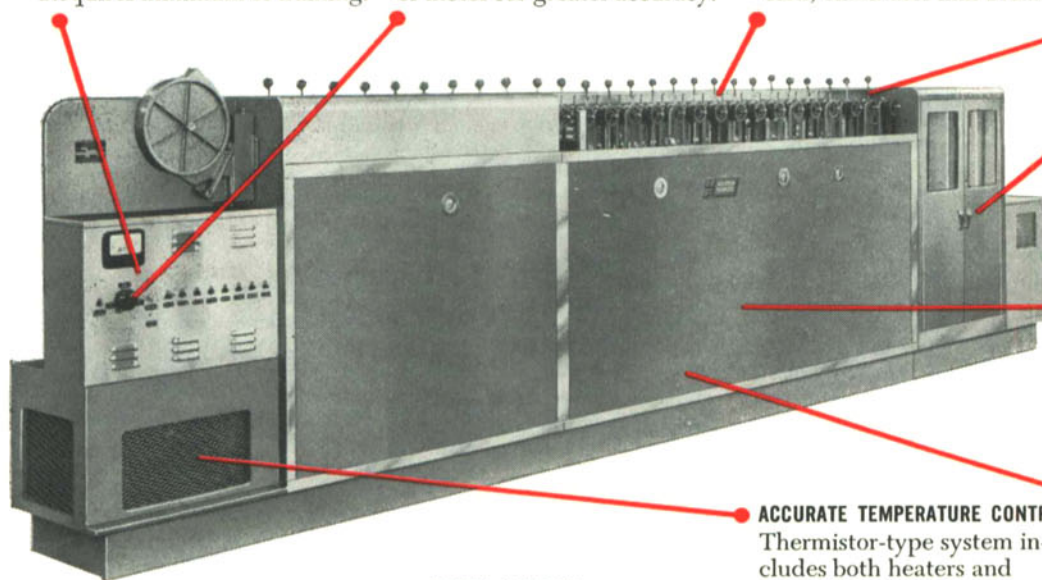
Film transport speed control is provided by variac regulation of motor for greater accuracy.

UNIFORM FILM TENSION

Exclusive H-F clutch drive maintains uniform film tension, eliminates film breaks.

ADJUSTABLE LIFTER RODS

Indicate position of elevator in each tank, permit fine adjustment of time in solutions.



MODEL 16ARC15

EFFICIENT DRY BOX

Utilizes filtered air warmed by fin-strip heaters. Adjustable to low, medium & high.

STAINLESS STEEL TANKS

All tanks are type 316 stainless steel with bottom drains. Accurate temperature indication provided.

ACCURATE TEMPERATURE CONTROL

Thermistor-type system includes both heaters and refrigeration, holds temp. to within $\pm 1/4^\circ$

TURBULATION PUMPS

Developer and bleach tanks have turbulent washes. Pumps are chemical-resistant, trouble-free.

COMPLETE AUTOMATION of color film processing is accomplished with the NEW Houston Fearless Color Labmaster . . . making it possible to process more film in less time — with less personal supervision — and assuring consistently high quality results. Available in three basic models: For 16mm Ektachrome (7255) and Anscochrome; 16mm Anscochrome; 16/35mm Anscochrome. Processing speeds up to 35 feet per minute.

Completely self-contained, daylight operating. Highly experienced engineering, the finest available materials and precision craftsmanship produce a rugged, efficient, thoroughly dependable machine. Volume manufacturing permits pricing the Color Labmaster most reasonably. Send coupon now for catalog and prices. For 31 years Houston Fearless has been the leading manufacturer of motion picture film processors, your assurance of parts and service availability.



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Send catalogs and prices on Color Labmaster processors. B & W processors. Camera heads. Remote Control heads. Tripods. Dollies. Pedestals.

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You are there — with Cinema...

Professor CLYDE BEATNIK

(Somewhere way out)



Q. — "Hello, Professor, are you working on some new electronic experiment?"

A. — "Not me, Daddy, that stuff I don't dig. And I'm no Prof, just call me Clyde."

Q. — "If you're not a Professor, what are you doing with a CINEMA Terminal Board Switch?"

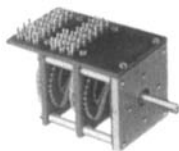
A. — "Man, I thought it was one of those crazy small vibraharpes we could use in our jumpin' combo."

Q. — "Oh, are you a musician?"

A. — "I'm not Governor Nelson Rockefeller, friend."

Q. — "Do you think everybody should take up music as a hobby?"

A. — "Beats me, Dad, but if they do let me know if you hear of a good vibraharp player."



Maybe it's not a vibraharp, Clyde, but it sure is sweet music to laboratory problems. For

CINEMA ENGINEERING'S instrument switches use a time-saving Terminal Board design. Four years of engineering permits the advance planning of modular harness layouts in CINEMA'S CETE and NETE switches. Each terminal is individually identified, thereby saving costly last-minute supervision and eliminating guesswork. They're ideal for moderate and complex switching and wiring applications. Write for our catalog 17S today.



CINEMA
ENGINEERING

DIVISION AEROVOX CORPORATION

1100 CHESTNUT • BURBANK, CALIF.

audio mixer, remote mixing audio facilities, roof mounts for the cameras, two line monitors and one preview monitor. Other features include a Telechrome Model 490A Special Effects Generator; $\frac{1}{4}$ -in. Ampex Tape Recorder, and a turntable. The second truck houses the Ampex VR-1000 Tape Recorder. This also has a stabilizing amplifier, as well as automatic gain control into the Ampex machine, a waveform analyzer, video patch system and editing facilities. The two trucks can be used separately, although planned mainly for use as an integrated team. There are record and playback facilities between trucks; intercommunication between the control truck and the cameras and between the control truck and the stage area.

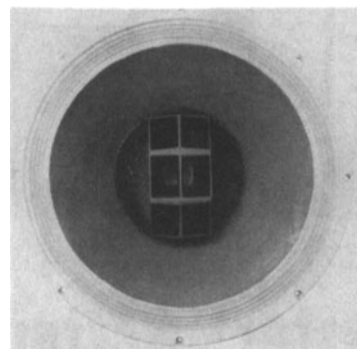
For rent: a mobile video-tape recording unit, now under construction, will be available to advertisers, agencies, TV stations and independent film producers, according to an announcement by Giantview Television Network, 901 Livernois, Ferndale 20, Mich. The unit, designed for shooting taped commercials and features on location, will comprise an Ampex Videotape Recorder, four studio image-orthicon cameras, a complement of 20 lenses including zoom-type, a TV film recording unit, audio recording facilities, and other auxiliary facilities. It will be mounted on a specially designed truck trailer.

Military and civilian jet flights were shown daily over closed-circuit TV in the Las Vegas Convention Auditorium as part of the first World Congress of Flight held in Las Vegas April 13-19. Shown were demonstrations of jet and other aircraft. Pickup and feed for the closed circuit were supplied by NBC. Large-screen projection was by Pembrex Theatre Supply Co., West Coast affiliate of Giantview Television Network. Three Commercial Picture Equipment screens were placed in a horseshoe-shaped arrangement to afford the best view to all seats in the semicircular arena. The Congress was sponsored by the Air Force Association.

A new television station is under construction at Recife, Pernambuco, Brazil. It is expected to be in operation early in 1960. Transmitting and studio equipment is being supplied by Marconi's Wireless Telegraph Co., Chelmsford, Essex.

Two new Oxberry animation stands have been announced by Animation Equipment Corp., 38 Hudson St., New Rochelle, N.Y. Model FS-4300 is designed for high-speed slide-film-strip production. Features include autofocus combined with automatic rackover and lamp to allow projection of the reticle onto the table top for quick positioning of artwork up to 35 in. Included in the purchase price of \$9100 is the Oxberry 35mm camera, including viewfinder, fixed pin registration, 47mm lens, 400-ft magazine, automatic take-up and single-speed stop-motion motor. Model MP-4200 is designed as a "complete package for animation studios." The table top measures 28 by 34 in. Two 12-field

peg tracks are included, handwheel controlled, with counters and locks. It is priced at \$10,200.



A new Duplex speaker with controlled linear excursion has been announced by Altec Lansing Corp., Anaheim, Calif. The new model, 605A, replaces the 604D. Improvements have been made in both the bass and treble sections. In the bass section the new speaker has high-compliance suspension components for controlled linear excursion, stress-free assembly for ultimate linearity of the suspension system, a voice coil confined to a uniform magnetic field, and a low cone resonance of 25 cycles for reproduction of the lowest bass notes. Treble section improvements include a lighter voice coil, higher acoustic transformation and smoother high-end response. The new speaker is priced at \$175.00.

A new capacitor has been announced by Packard Bell Electronics Corp., 12333 W. Olympic Blvd., Los Angeles 64. The capacitor is made of ceramic in two forms, extruded and molded. The extruded model is a tube with a triangular cross bracing which performs double duty as a structural core and as a surface area to increase capacitance. The molded type is of solid construction which may be manufactured automatically in one piece without the use of leads or terminals. Both types are suitable for high temperature. The molded type is capable of withstanding extreme temperatures due to its elimination of solid terminals.

A coin-operated machine which tests driving ability consists of an automobile dashboard, steering wheel, brakes and gas pedals plus a motion-picture screen placed in front of the driver. The screen shows traffic conditions through which the driver must guide his car. He is automatically scored on his ability to accelerate, brake and steer smoothly and safely. Capitol Projector Corp. and Standard Financial Corp., both of New York, have arranged for sales and financing of the machine.

Lasticolor, a vinyl spray said to impregnate fabrics and synthetics with a lasting vinyl coating in a choice of 14 mix-or-match shades, has been announced by Tausig Paint Sales Co., Old York Rd. & Township Line, Jenkintown, Pa., near Philadelphia. The announcement noted that the spray can be useful in theater redecorating to "refurbish the seats and drapes," and to "get extra mileage from stage props in the living theater."

The Vallen Rear Fold Track, Model 152A, a product of Vallen, Inc., Akron 4, Ohio, is a track that turns the curtain at right angles and folds it along the side walls. The device is recommended for small stages, industrial displays, etc., where curtain storage space is limited.

High-precision machine parts are described in profusion in a new 12-page brochure available from LaVeZZi Machine Works, 4635 West Lake St., Chicago 44. The company specializes in producing for equipment manufacturers fine machine

parts on order, such as Geneva starwheels, film sprockets, film traps, gears, face clutches and assemblies.

The 13.6 Special Large-Cored Carbon for 35/70mm projection is a product of Lorraine Orlux Carbons, Boonton, N.J. The new carbon is reported to maintain a constant intensity and uniform distribution of light over the screen area and to be usable with new projectors such as Victoria-X 35/70; National Bauer 35/70; Phillips 35/70; Century 35/70 and Modified Simplex X1.

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First three lines \$5.00
Each additional line \$1.00
per inch \$13.00

MITCHELL (NC) CAMERA

Brand new—must sacrifice due to change of plans. Academy and full apertures, follow-focus attachment, sync and wild motors, ball-bearing tilt head tripod. Many other extras. *A Cameraman's Camera*. No wait, no freight. Irving Smith, 395 Ivy Ave., Haworth, N. J. DUmont 4-1076.



employment service

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 These notices are published for the service of the membership and the field. They are inserted three months, at no charge to the member. The Society's address cannot be used for replies.

Positions Wanted

Projectionist. 19 yrs experience in booth operation and theatre projection. Experienced with 70mm, 35mm and 16mm—optical and magnetic sound—indoor and drive-in theatres. Age 37, single. Desires position with foreign service. Member IATSE and SMPTE. Write: E. O. Hepler, Jr., 15 Morningside Drive, Boonville, Mo.

Motion Picture Production. Extremely creative, energetic. 7 yrs heavy experience in film production, studio and location, educational, industrial and TV films. Created, photographed and edited 22 TV commercials for one of America's top toy companies. Desires position with Ad Agency, live studio or TV Station. Age 26, Vet and Single. Willing to travel throughout the world. Resume and references on request. Write FILM, 3738 Cypress Ave., Brooklyn 24, N.Y.

Motion-Picture or Television Production. Graduate New York Univ., B.A. Communication Arts. Experienced all phases motion-picture and television production. Seeking permanent position with television or motion-picture production organization. Willing to relocate. Résumé on request. Write: Walter Bleich, 2700 Marion Ave., New York 58.

Assistant to Director or Producer. Former instructor in motion pictures, Theater Arts Dept., Univ. of California, Los Angeles, desires position as personal assistant to a director or producer of feature films. Background includes: B.A. in Motion Pictures, 3 years teaching all phases of motion-picture production, second unit direction of a Disney "true-life adventure," and director of photography on dramatic and documentary films. Willing to travel. Available for interview in Los Angeles area. For references and detailed résumé write: William R. Lieb, 140½ W. Foothill Blvd., Claremont, Calif. Tel: NAtional 4-4166.

Editor-Cameraman. Over 10 yrs solid production experience in New York with quality producers of industrial, business and television films.

Seek staff position. Résumé available. Member SMPTE since 1948. No other affiliations. Joe M. Wolff, 43-31 Ithaca St., Elmhurst, N.Y.

Motion Picture Cameraman, Technician. 7 years actively engaged in 16mm motion-picture work. For the last 4 yrs have been employed as head of technical operations of a company producing films primarily for TV and educational usage. Experience includes work in practically every technical phase of motion-picture production. Desire connection with a producer of industrial, education, scientific or travel films. Age 30 and an active member of SMPTE. Résumé on request. G. Kenneth Futrell, 678 Pope Street, Memphis 12, Tenn.

Engineering Aide. 32 yrs talkies, radio, audio, magnetic tape, intercom. Attending night school for degree. Desires R&D position with sound or cine organization. Salary \$2.35 per hour. Teachable, studious, no drink or smoke. Los Angeles only. Frank W. Mango, 1211 N. Berendo St., Los Angeles 29.

Audio-Visual Aids Specialist. Six yrs experience full-time with City of N. Y. in the City Colleges and 3½ yrs as supervising technician at Columbia Univ. and NYU. Matriolated university student with courses in cinematography, motion-picture production and its history. Considerable experience with operation of 16mm sound projectors, operation and service of filmstrip and slide projectors, professional tape recorders. Demonstration of audio-visual equipment to prospective teachers or college faculty and students. Richard I. King, 270 Convent Ave., Apt. 8E, New York 31. WA 6-1910.

Laboratory Contact/Optical Printing Specialist. Past 6 years under contract Consolidated Labs east coast as head of unit. 20 yrs prior employment with Universal, Paramount, Warners in Hollywood on camera. Ideal to destroy phonics. Own optical printer using Acme camera, projector, etc., for 35/35; 16/16, 35/16, 16/35, color or black-and-white, plus contact registration and aerial image — for rental or sale. Bill Heckler, 21 West 58 St., New York 19. PLaza 3-7067.

Positions Available

Editor-Cameraman, for 4-man educational film unit. Requirements: 4 yrs experience or 4 yrs college major in cinema plus 2 yrs experience. Primary duties in all phases of editing; secondary duties as assistant to first cameraman. Modern equipment. Starting salary \$5160 a year. Send résumé and references to Leonard Pullen, Acting Production Supervisor, V.P.I. Motion Picture Unit, Virginia Polytechnic Institute, Blacksburg, Va.

Writer-Director, for 4-man educational film unit. Requirements: 4 yrs experience or 4 years college major in cinema plus 2 yrs experience.

Duties: research subject matter, all phases scripting, direct action during shooting. Starting salary \$5160 year. Send résumé and references to Leonard Pullen, Acting Production Supervisor, V.P.I. Motion Picture Unit, Virginia Polytechnic Institute, Blacksburg, Va.

Film Inspectors. Temporary or permanent. Write or call Peerless Film Processing Corp., 165 W. 46 St., N. Y. 36. Tel. PLaza 7-3630. Att: Kern Moysé.

Cinematographers to assume responsibility for current motion-picture projects in military sales promotion, R & D film progress reports, public relations, etc. Three yrs experience as senior motion-picture cameraman needed. Senior Motion-Picture Film Editor responsible for editing completely integrated motion pictures including sound if required. Three yrs practical experience as editor required. Send complete resumes to R. C. Dunnuck, Engineering Personnel, North American Aviation, Inc., 4300 East Fifth Ave., Columbus 16, Ohio.

Motion-Picture Laboratory Printing Room Night Supervisor to oversee production problems and rates. Must be completely familiar with laboratory printing operation. Salary open. Contact Robert Crane, Color Service Co., Inc., 115 West 45 St., New York 36. JUdson 6-0853.

Chief Engineer. Immediate opening. Responsibilities include the administration of a staff of engineers designing electro-mechanical products for commercial and military application. Located in the Los Angeles area. Please reply in writing to W. C. Heath Associates, Inc., Room 526, 714 West Olympic Blvd., Los Angeles 15, Calif.

Audio Repair Man. Thoroughly experienced on magnetic tape recorders, projector and Moviola amplifiers, etc. Knowledge of motion-picture sound equipment essential. Good salary. Write fully to Arthur Florman, Florman & Babb, Inc., 68 West 45 St., New York 36.

Motion-Picture Equipment Salesman. Knowledge of all professional production equipment. Outside sales, to visit film producers, industrial accounts, etc. Fully experienced. Good salary. Write fully to Arthur Florman, Florman & Babb, Inc., 68 West 45 St., New York 36.

Recording Engineer. To serve as head of electroacoustics laboratory involving duties in the fields of audio-video, acoustics and recording systems. Must be able to render consultation services in connection with research and development on related electronic systems and programs. Degree plus 3 yrs professional experience in above fields required. Salary \$8810 per annum. Position is in Federal Career Service. Send SF-57 "Application for Federal Employment," obtainable at any Post Office, to Employment Superintendent, U. S. Naval Training Device Center, Port Washington, N.Y.