

PROFESSIONAL SERVICES

REELS • CANS • FIBER CASES

MOTION PICTURE ENTERPRISES INC.

Tarrytown, N.Y. 10591
N.Y.C. Tel 212 245-0969

- Optical Printers
 - Animation Stands
 - Cameras/Projectors
 - Film Transports
 - Lab Equipment
 - Servo Controls
 - Refurb Services
- Ikegami
 - Hitachi
 - JVC
 - Sony
 - Grass Valley

PIONEER
Technology Corporation

1021 N. LAKE ST. • BURBANK, CALIFORNIA 91502
(213) 842-7185 CABLES PMAGIC



CAMERA REPAIRS, ETC.

FACTORY SERVICE. BACH-AURICON & BERNDT-BACH CAMERAS; "TV-T" Television Shutters; Optical or Filmagnetic Amplifiers & Sound Recorders; Sound-Track Exposure Lamps; Filmagnetic Head Repair & Replacement; Batteries; Tripods; etc. Write or Call Ted Howard (213) 482-0931

BACH-AURICON, INC.

6946 Romaine St., Hollywood, Calif. 90038 U.S.A.

- Frame store design • Robot vision
- Raster Graphics • Slow Scan Input/output
- Radar Scan Conversion

DIGITAL VIDEO SPECIALISTS
Using Our Digital Video Development System

Digital/Analog Design, Inc.
530 Broadway, NY, NY 10012 (212) 968-0410

T & G OPTICS, INC.

71-01 INGRAM ST., FOREST HILLS, NY 11375

COMPLETE REPAIR SERVICE FOR COLOR TELEVISION CAMERA BEAMSPLITTER OPTICS, LENSES, COATINGS, MULTIPLEXER MIRRORS, FILTERS AND PROJECTORS. WRITE OR CALL GERALD PINCUS (212) 544-8156

twenty-four hour service with pleasure

ARRI REPAIRS
& CUSTOM MODIFICATIONS
SUPERIOR WORKMANSHIP
& QUALITY CONTROL

Authorized SALES, RENTALS, REPAIRS
Roesel Cine Photo Tech Inc.
48-20 70th St. Woodside, New York 11377
212/424-1600

EXACT TRANSLATIONS
TECHNICAL WRITING AND EDITING
PABLO WEINSCHENK-TABERNEO

Member American Translators Association
Spanish, German, French and others

EXACT TRANSLATIONS P. W. T.
87 Rockledge Road, 1-A, Hartdale, NY 10530
Phone: (914) 725-5340 and 472-8523

HF HOUSTON FEARLESS 76, INC.
833 E. Walnut, Carson, CA 90746
Technical Service Division
Film Processors, Components,
Drive Systems and Conversions.
213/538-4930 800/421-5505

TELE-CONFERENCEING

One Call to Us Supplies All the Following:

- Large Screen Projection • Portable Satellite Receiver
- Audio Systems • Any Size
- Featuring: G.E. & Aquastar

RENT, LEASE OR PURCHASE

MELCHER PRO-VIDEO

3615 W. Fond du Lac, Milw., 53216 (414) 442-5020

TELEVISION AND SOUND

(Systems and Equipment)

Design-Installation-Maintenance-
Measurements Completed projects
are available for inspection

TURNER ENGINEERING

14 Morris Avenue
Mountain Lakes, NJ 07046
(201) 263-0023

SUPER 8 and 16mm
Forced and Normal Processing
BLACK & WHITE • ME-4 COLOR

Fast service with minimum order!
WRITE FOR PRICE LIST

N.V. SYSTEMS, INC.

P.O. Box 977 CAMARILLO, CA 93010



TELE RESOURCES
RESEARCH & DEVELOPMENT

Analog & Digital Video
Analog & Digital Telecommunications

LAWRENCE W. LOCKWOOD

President
(703) 920-3785

P.O. Box 2821
Arlington, VA 22202



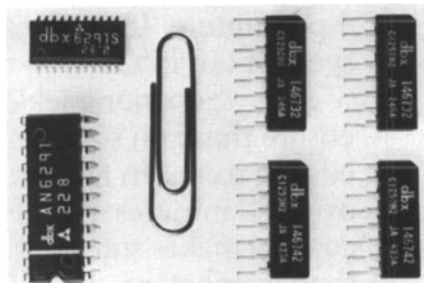
Plio-Magic videotape reels, Plastic Reel Corp. of America

Plio-Magic Anti-Static™ videotape reels have been announced by Plastic Reel Corp. of America, 475 Boulevard, Elmwood Park, NJ 07407. The reels, manufactured from an exclusive plastic formulation, are designed to repel dust, dirt, and debris, and to eliminate tape dropout, tape edge damage, and damage to videotape guides and heads that can occur when foreign particles accumulate internally on sensitive video equipment.




VC1000 video camera, Zenith Radio Corp.

A color video camera, Model VC1000, that weighs about 3 lb, has been announced by Zenith Radio Corp., 1000 Milwaukee Ave., Glenview, IL 60025. The camera features automatic focus, low-light sensitivity, and power zoom lens. About the size of a videocassette, the camera can quickly connect to Zenith's new, lightweight, portable recorder, Model VR5000.



IC chips with paper clip, dbx Inc.

Three integrated circuit (IC) configurations for the dbx TV-stereo system have been announced by dbx Inc., P.O. Box 100C, Newton, MA 02195. The IC chips (above) were photographed with a paper clip to show comparative size. The smallest IC is designed for applications where space is at a premium. It can be used with portable sets. The largest IC has a 22-pin DIP (dual in-line package) which contains all the circuitry needed to provide the heart of the dbx TV noise-reduction system. The four chips to the right of the paper clip are designed for ultra-high-quality implementations.



**ONE OF THE FEW EFFECTS YOU CAN'T DO
ON THE EXPANDED E-FLEX SYSTEM.**

YET.

We're working on it, though. In the meantime, almost anything else you can think of is possible. Because we've just expanded the E-FLEX DVE® system with a new Perspective/Rotation accessory. So now, you can rotate images through all three axes. Add depth through perspective. Combine those effects with basic E-FLEX effects all on NEC's bubble memory cartridges.

We can't resist noting that our new capabilities make E-FLEX the virtual equivalent of systems costing far more. But more importantly, they make E-FLEX an instrument—and perhaps a lifetime to fully explore. One that takes only a few hours to master—and perhaps a lifetime to fully explore.

What's more, the E-FLEX system is modular. So you can buy it all at once, or start small and add later. And as we develop more capabilities, you'll be able to plug them right in.

To find out what E-FLEX can do now, call NEC at 1-800-323-6656. By the time you call, we may have perfected the effect in the picture.

NEC

IMAGINE WHAT WE'LL DO NEXT

NEC America, Inc., Broadcast Equipment Division
130 Martin Lane, Elk Grove Village, IL 60007. In Illinois: 312-640-3792

New
Frezzi™
 "one source" for all
 your portable power
 & lighting needs.

Frezzi™ "Mini-Fill" Kit—
100w/12v Camera Light-Head
 with a 3 ft. cable and choice of 3
 plugs/VB-12 battery pack/trickle
 charger/flip-up dichroic filter/
 handgrip/bulb/fitted case. (Other
 bulb wattages/voltages available.)



For more information & latest compre-
 hensive catalog call (201) 427-1160.

Frezzolini Electronics Inc.
 7 Valley St. Hawthorne, N.J. 07506-2084
 TWX: 710-988-4142 Made in U.S.A.

When every shot counts
 rely on **Cell-stab**

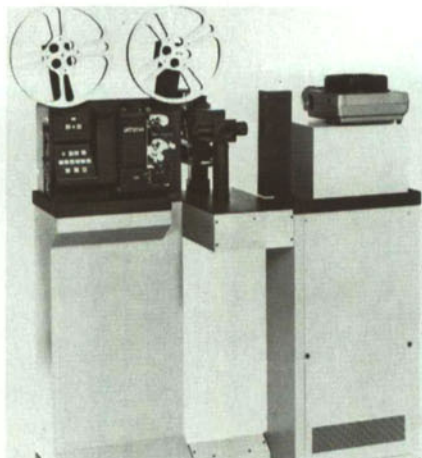
Cell-stab has been designed by
 Alphonse Boehm M.B.K.S., Broadcast
 Engineering Consultant, to increase
 the stability of flying-spot telecines.

Cell-stab is an advanced temperature-
 controller which stabilises the opera-
 tion point of your telecine P.E.C.
 chain. It therefore helps to maintain
 a better repeatability of previously
 off-line gradet film-material, shortens
 the warm-up time and contributes to
 a low electronic-drift factor.

For further details please write to:-

Alphonse Boehm M.B.K.S.,
 Broadcast Engineering Consultant

51 Applegarth Drive,
 Ilford, Essex IG2 7TQ.
 U.K. England.
 Phone: 01-590 1147



*Athena video island using one 16mm and two
 2x2-in. slide projectors, L-W International*

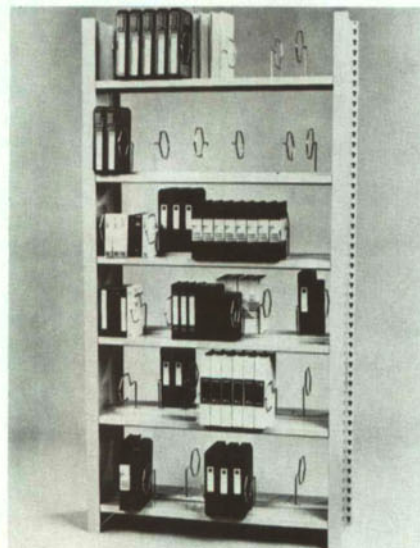
A telecine and film/video system, the
 Athena M16/2, has been announced by
 L-W International, 6416 Variel Ave.,
 Woodland Hills, CA 91367. Features in-
 clude the ability to mix media, program-
 mable frame rates from slow motion to
 real time, instant change of direction, and
 unlimited still frame capacity. A new line
 of multiplexers and diplexers permits the
 use of up to six image sources on one film
 island. Applications include post-production,
 in-house, or multimedia film/video
 transfers.



*CA26-42 mobile equipment stand, Bretford
 Manufacturing Inc.*

A mobile equipment stand with a locking
 lower cabinet has been announced by
 Bretford Manufacturing Inc., 9715 Sor-
 eng Ave., Schiller Park, IL 60176. The
 stand, Model CA26-42, is designed for
 use with both projection and video equip-
 ment. An adjustable shelf can be posi-
 tioned to heights from 28 to 42 in. The E
 model provides an electrical assembly
 with two outlets, a 20-ft, 3-wire cord, a
 grounded plug, and a built-in cord winder.

Position indicators and dial indicating
 handwheels for equipment requiring pre-
 cise and repeatable control by rotary or
 screw motion have been announced by Te-
 jax Engineering Co., 180 Weeden St.,
 Pawtucket, RI 02862. The indicators and
 handwheels are made of cast aluminum
 and are available in 12 styles ranging from
 2¾ to 12-in. diameter with round or
 square holes. Featuring 1/100 turn accuracy
 and consistent repeatable adjustment,
 they can be equipped with standard or
 custom bold-face dials reading clockwise
 or counterclockwise.



Modular rack system for videocassettes, RTI

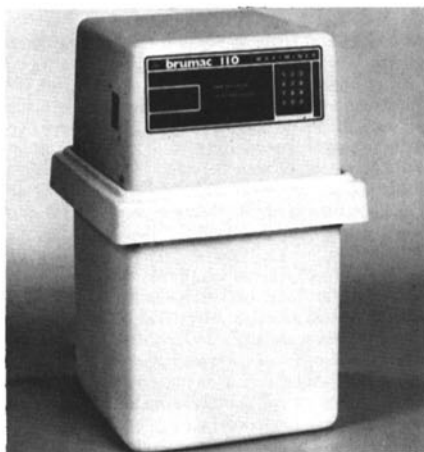
A modular rack system designed for video-
 cassette storage has been announced by
 Research Technology International, 4700
 Chase Ave., Lincolnwood, IL, 60646. The
 system can accommodate U-Matic, VHS,
 and Beta tapes. Because of the modular
 construction, additional racks can be add-
 ed later, or the system can be added to
 standard RTI film storage racks.



Model 2501 keypad generator, Vii

The Model 2501 multiple scan-rate key-
 pad generator, which permits horizontal
 sync and timing parameters to be entered
 by keypad, has been announced by Visual
 Information Institute, Inc., P.O. Box 33,
 Xenia, OH 45385-0033. Nonvolatile stor-
 age is provided for up to 69 separate raster
 structures. The operator can build a scan
 rate or choose standard proportion and
 format which will be computed automati-
 cally. Scan rates can be stored, recalled
 for use, edited, or deleted by keypad entry.

The instrument operates in the range of 10 to 100-kHz horizontal repetition rate with a keypad entry of horizontal parameters in 0.1- μ sec timing increments of 0.5 TV lines. The horizontal proportion of test patterns is clocked from a 20H rate. Separate entry can be made for V bar spacing and position, H window position and width, H bar position and spacing, and V window position and width. Model 2501 provides a basic set of TV display test patterns. The generator has TTL video and pulse outputs as well as standard composite video and sync generator pulse outputs at 75-ohm impedance.



The Maximiner 110 silver recovery unit, Brumac Industries

The Maximiner 110, a microprocessor-enhanced electronic silver recovery unit has been announced by Brumac Industries, 5261 Business Dr., Huntington Beach, CA 92649. The unit is programmable and is designed for automatic operation. Ampermatic control automatically adjusts amperage for maximum silver recovery. Battery-backed memory retains all program entries. Maximiner 110 has a rotating cylindrical cathode and is constructed with heavy-duty components. All electronic components are protected from chemicals and fumes.

ADVERTISERS INDEX

Ampex	677
Camera Mart	687
Cell-stab	694
Cinema Products	679
Eastman Kodak	688, 689
Frezolini Electronics	694
Fuji Photo Film	691
Gretag/Eidophor	690
Houston Fearless	695
Key Systems	696
3 M Co.	682, 683
NEC America	693
Professional Services	692
SMPTE	696
Sony	684, 685



Silver Master-50, Drew Products

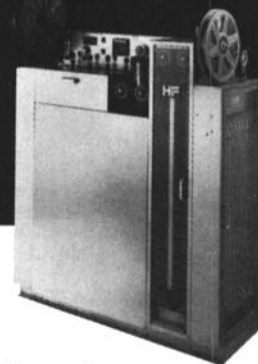
The Silver Master-50 silver-recovery system has been announced by Drew Products, 1700 Fifth St., Berkeley, CA 94710. The unit is designed to desilver high volumes of fixers in either on-line fix recirculation applications or off-line (terminal) silver recovery. The Silver Master-50 can apply up to 50 A of plating current to the cathode. Because of the modular design, additional 50-A cells with less expensive slave-controllers can be added to obtain any desired capacity.



Auto/Plater silver recovery unit, Allen Products Co.

The Auto/Plater silver recovery unit has been announced by Allen Products Co., 180 Wampus Lane, Milford, CT 06460. The unit is designed for use in terminal silver recovery situations. It maximizes recovery where fix overflows from single or multiple processors, and is said to be efficient where several Prostar® units are in use. More than one processor can send fixer, which is then directed to the silver-recovery cell under specific flow-controlled conditions. Automated operation allows the system to sense when enough fixer is available, turn the recovery cell on, and begin metering the proper amount of fixer. When the holding tank is empty, the unit switches itself off. Recovery tanks of 2 and 5-gal capacity are available.

Now. Houston Fearless Makes The Best Processor Better!



Redesigned Labmaster II Combines New Technology With Proven Features!

More Control Than Ever Before!

Our exclusive new PhotoSense™ system continually scans and controls processing temperatures, and instantly alerts the operator with an audible alarm to protect film in process from out-of-tolerance conditions. All controls are at eye-level position.

More Compact; Up to 35% Smaller!

Now you can process more 16-105mm film, more efficiently, with lower floor-space cost in this all-stainless-steel processor.

More Convenient Load and Take-Up

New space-saving "Sidewinder" load and take-up stations also make film loading and unloading faster, easier, and safer. Many options available.

More Access for Threading, Cleaning

The entire darkroom section opens effortlessly in seconds to provide complete tank access.

More Production; Larger Accumulators

Now operators have more time to change film. Less skill is required to maintain uninterrupted operation. Less film is lost due to human error.

A Complete Range of
16mm-105mm Processors for the
Micrographic, Photo Finishing, and
Motion Picture Industries.

HF

Houston Fearless 76

833 East Walnut St., Dept. 17
Carson, CA 90746 USA
Phone (213) 538-4930 • (800) 421-5000
TWX: 910-346-6701