New Products

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.

The Aminco Photomultiplier Microphotometer is a product of American Instrument Company, Inc., Silver Spring Md., designed for many applications including film densitometry. This instrument has ranges providing direct readings for intensities from 20 micromicrolumens to 20 lumens, densities from 0 to 9 and phototube currents from 10^{-5} to 10^{-11} amp which can be extended with neutral filters.

Full-scale deflection of the meter is given with photomultiplier (or phototube) currents of 10, 1, 0.1 and 0.01 μa. The latter value corresponds to a sensitivity of 20 micromicrolumens per meter division with photomultiplier tube detector No. 4-6250 which is supplied with the instrument. Commercial types of phototubes (blue, green, red and infrared) may be used by wiring them into an 11-prong base.

The American Instrument Company reports that it will supply filters from Baird, Bausch & Lomb, Corning, Eastman, Farrand or Fish-Schurman, which are 2 in. (50 mm) square and may be positioned in the filter holder, either singly or in combinations up to $\frac{5}{8}$ in. thick.

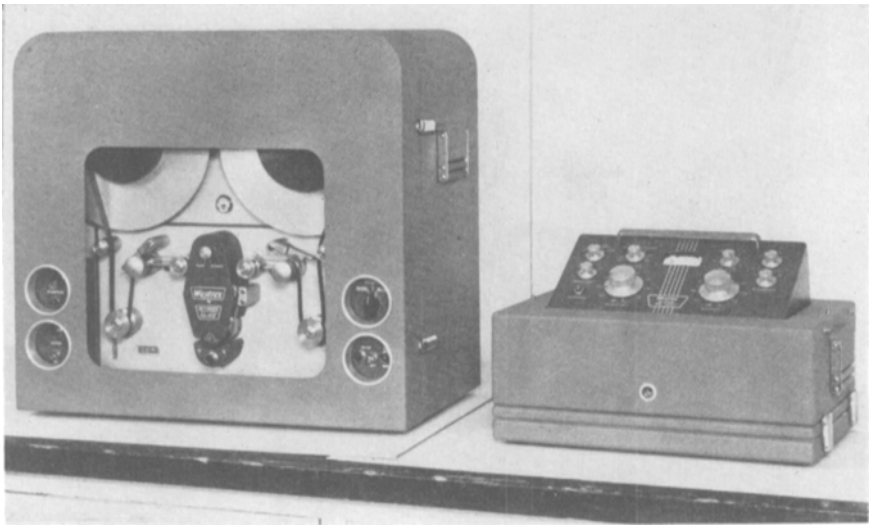
SMPTE Officers and Committees: The roster of Society Officers and the Committee Chairmen and Members were published in the April 1951 *Journal*.

A new professional camera dolly that will go through most standard doorways without being disassembled is being marketed by The Camera Mart, Inc., 70 W. 45th St., New York 19, under the trade name TV Camera Car. Equally useful in the motion picture industry, the Camera Car weighs 350 lb, is 30 in. wide, and provides lens angles from 26 in. to seven ft.

The dolly carries the cameraman and one assistant, and one man can maneuver it, either on or off dolly tracks. The two front wheels are set and the two rear wheels have an auto-linkage steering mechanism for maneuverability or sharp turns. Two floor locks steady the dolly for set shots, and boom arm braces are designed to prevent vibrations for extended dolly runs. The tripod head has two leveling finger-tip jacks for quick horizontal adjustment. In addition there is a vertical leveling rod attached to the boom arm, a necessity when setting for a side shot.

Four powerful removable springs and a cable are arranged to balance any weight camera and blimp. Raising or lowering the boom arm is accomplished by turning the large counter-balanced wheel and attached gears. The dolly is constructed of aluminum alloy castings with bridge supports for greater strength and flexibility, and with 10-in. ball-bearing rubber-tired wheels.

With the boom in a horizontal position, the dolly may be lifted into a station wagon for easy transportation. In addition, in 20 min it may be disassembled into its three main parts and carried on a location where the areas are too confined to admit it otherwise. Reassembling then takes approximately 30 min. This is considered an especially valuable feature when shooting on locations in old buildings with narrow stairways or no elevators. The Camera Car is priced at $1,495 FOB New York.



Westrex 1100 Series Magnetic Recording System

Correction and amplification: Running back to the November 1951 *Journal*, p. 510, we should now record that the above illustrates the 1100 Series Portable Magnetic System now being introduced to the industry by Westrex Corporation. The rest of the record is now played back for your convenience:

The 1100 Series Portable Magnetic System now being introduced to the industry is a direct outgrowth of field experience with the earlier 1000 Series System previously described in the *Journal* for March 1951. The number of cases has been reduced to two as shown in the photograph, the two-position mixer being on the right and the recorder being on the left. The latter houses, in addition to the film pulling mechanism, the a-c power supply for the channel, the bias oscillator and the film monitor amplifier.

New features of this system include two-way talkback equipment between the mixer and recordist, a talkback amplifier being provided in the recorder housing. Another new feature is a synchronizing bloop unit which records an audible signal when the recorder is up to speed on the magnetic film in synchronism with an optical bloop in the associated photographic camera.

The system operates from 115 v, single-phase, 50- or 60-cycle a-c supply, provision being also made for motor operation from 220 v, 3-phase, interlock or multi-duty motor systems. Runback at normal speed is provided. The power drain for the electronic components is somewhat less than 100 w and a 2-amp drain at 115 v is required for the single phase motor supply.

The weight of the complete system, including cables, is approximately 170 lb. The system is available for 35mm, 17½mm or 16mm operation. The track positions are in accordance with the proposed ASA magnetic track standards for 35mm and 16mm films. The recorder may also be used as a magnetic film reproducer, equalization being provided in the playback amplifier to give an essentially flat response from 50 to 8000 cycles when operating at 90 ft/min. By incorporating some pre-emphasis in recording on 16mm film, a flat response to 6000 cycles may be obtained at the 16mm speed of 36 ft/min.