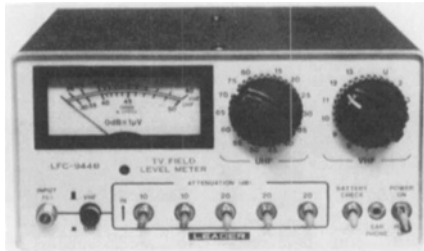


3631 Perkins Ave., Cleveland, OH 44114. Designated the OS3600, the oscilloscope is a portable dual trace unit with a bandwidth from dc to 100 MHz (-3 dB). Vertical sensitivity is 5 mV/cm over the full bandwidth and 2mV/cm up to more than 85 MHz. The 8- x 10-cm CRT has a parallax-free internal illuminated graticule and uses 16-kV accelerating potential for bright displays even of narrow pulses occurring at low repetition rates. Display modes include CH1 or CH2 alone, CH1 and CH2 alternate or chopped, CH1 and CH2 added algebraically, and x-y. In addition, a trigger view facility displays up to three traces: CH1, CH2, and the internal or external signal triggering the main time base (up to four traces may be displayed in the alternate sweep mode, including CH1, CH2, the main time base intensified and the delayed time base). Horizontal sweep speeds of both the main and delayed time base are continuously variable over 22 steps from 50 ns/cm to 0.5 s/cm in 1-2-5 sequence with a maximum effective sweep speed of 5 ns/cm at x 10 expand.

An optional 3½-digit DMM add-on called the DM3010, available as a factory fit or retrofit, can measure signal amplitude (±2%, ±2 digits), time (±1%, ±2 digits), and frequency (reciprocal of an equivalent period ±1 digit). It can also be operated independently to measure dc voltage, dc current, and resistance. The OS3600 oscilloscope is priced at \$2699 complete with probes. With the DM3010 option the price is \$3299.

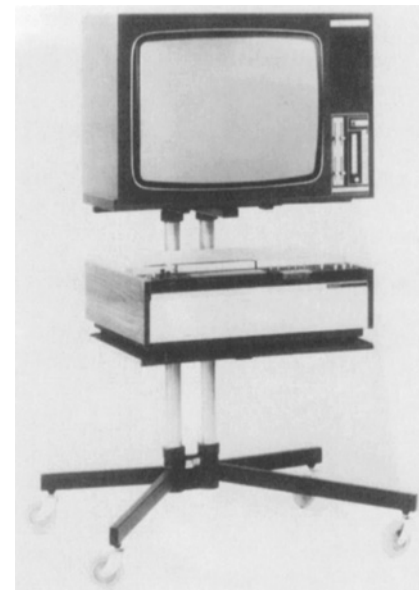


Two new test instruments, Model LFC-944B VHF/UHF TV field strength meter (shown above) and Model LCG-138 VHF signal gen-

erator, have been announced by Leader Instruments Corp., 151 Dupont St., Plainview, NY 11803. Model LFC-944B provides for measuring levels of 20 to 120 dB relative to 1 μV on VHF channels and 30 to 100 dB relative to 1 V on UHF channels. A built-in attenuator accommodates inserting up to 80 dB of attenuation in 10-dB steps. The new VHF/UHF test instrument also offers VHF channel selection with accurate detented tuning and continuous UHF tuning for channels 14 to 83. The instrument is portable and battery powered. It is priced at about \$512.

Model LCG-138 is a calibrated source of test signals for injection into CATV and MATV systems. Used in conjunction with the LFC-944B it permits the user to make quantitative measurements of cable loss, amplifier gain, and overall system gain. This signal generator also provides calibrated outputs on two high and two low VHF channels at levels from 60 to 10 dB relative to 1 μV in 10-dB steps. It is battery powered. The price is about \$244.

A video system trolley, Model VS/1000, has been announced by KLM Assoc., Inc., 11810 Charen Lane, Potomac, MD 20854. The VS/1000 is said to carry a complete video system, including television monitor, video recorder, and other equipment, as a mobile unit. The television monitor is placed on an adjustable bearer. This unit will hold cabinets from 16- to 39-in wide. Video recorders or



other equipment are carried on a height-adjustable platform, Model P27.

The VS/1000 has been developed to meet high standards of safety and stability. The trolleys have been designed to recover safely from tilt angles exceeding 20° in the normal direction of travel. Carrying capacity is 250 lb. Trolleys may be dismantled for storage or transportation. The price of the trolley/platform combination is \$280.

Advertisers Index

Arriflex	197
Bach Auricon	210
Camera Mart	198
Cinema Products	201
Cine 60	212
Classified	222
Colorado Video	209
Datametrics	214
Edu-tec	216
Electro-Voice	207
Filmline	199
Frezzolini	219
Fujinon	203
Goldberg	206
Kemps Publishing	218
Key Systems	220
LaVeZZi	217
Lowel Light	200
3M Company	222
Professional Services	221
RCA	208
SMPTE	211,213
Sony	204,205,215
Western Cine	202



VHS and Beta format videocassette head cleaners, have been announced by the 3M Magnetic Audio/Video Products Div., 600 Third Ave., New York, NY 10016. Each ½-in head cleaner cassette contains three or six minutes (depending on the recorder's playing speed) of cleaning tape. According to 3M engineers, the cleaner should be used whenever a recorded video picture appears snowy or unclear. If the user has a recorded reference picture, the head cleaner cassette is stopped when the picture becomes clear. If a reference picture has not been recorded, the cleaning tape should only be played for about 30 seconds per use. The head cleaners are priced at \$22.95 each.

Further information about these items can be obtained 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.

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