

Annual IEEE show in New York City this month



Type 528 solid-state television waveform monitor requires only 5¼-inch vertical height and one-half rack width mounting space.

Tektronix to announce seven products this month; 3 for television industry

Tektronix Monday will announce four new products: The Type 520 PAL vectorscope, Type 453 MOD 127C oscilloscope, Type 1A7A plug-in unit, and Type 3S2 dual-trace sampling plug-in unit with the Type S-1 and S-2 sampling heads.

In addition, three new products will be announced March 18: Type 528 solid-state television waveform monitor, Type C-31 trace-recording camera, and the swept frequency converter.

They, along with the two plug-ins to be announced Monday, will be shown publicly for the first time at the Institute of Electrical and Electronics Engineers (IEEE) show in New York March 18.

The Type 520 PAL vectorscope and Type 453 MOD 127C oscilloscope will be shown publicly at the National Association of Broadcasters (NAB) show March 31 at the Chicago Conrad Hilton hotel.

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Exhibit to display five new Tektronix products

Tektronix' 60-foot long booth, in the Assembly Cafeteria last week, was shipped to New York this week for the annual International Convention and Exhibition of the Institute of Electrical and Electronics Engineers (IEEE).

The IEEE exhibits will be on display in the New York Coliseum March 18 through 21. Technical sessions will be held at the Coliseum and the New York Hilton hotel.

The Tektronix display will show a number of instruments, including five of the seven new ones to be announced March 11 and 18. (See accompanying story on new products.)

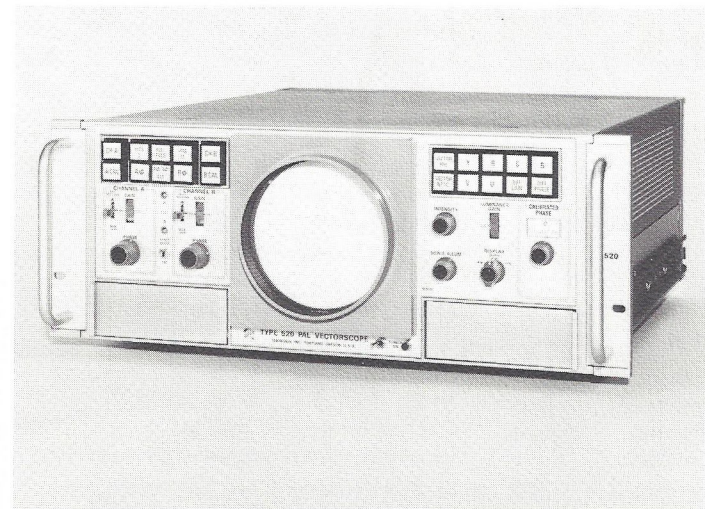
Here is a breakdown of Tektronix' booth:

Type 601 and 611 display units will show three programs: A curve of voltage versus time display, a schematic of a flip-flop circuit and a display of the Tektronix trademark. A keyboard will be hooked to the system, enabling visitors to type out alphanumeric displays.

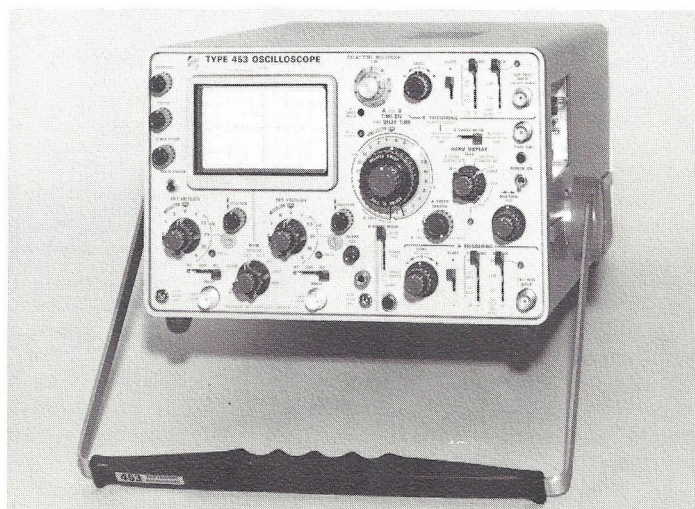
Type 549 oscilloscope, with the new 1A7A plug-in unit, will show measurements of the heat of a lamp.

Type 564 oscilloscope, with 3A3 and 3B3 plug-in units, will show an electro-mechanical demonstration.

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Type 520 PAL vectorscope is designed to measure luminance, hue and saturation of the PAL color television signal.



Type 453 MOD 127C dual-trace portable oscilloscope has built-in TV sync separator for viewing television waveforms.



IEEE exhibition opens in New York on March 18

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The Type 1A4 four-trace unit will be hooked up in two exhibits: One with the Type 556 oscilloscope and 1A5 differential unit, and the other with the Type 547 oscilloscope.

A spectrum analyzer display will include the 1L5 plug-in unit with the Type 549 oscilloscope and the new swept-frequency converter. Another display will include the Type 491 spectrum analyzer.

A television display will include the Type 520 NTSC vectorscope and the new Type 528 solid-state waveform monitor.

Type 454 oscilloscope, combined with the C-31 camera, will show the fast writing speed of the instrument on P11 phosphor.

The Type 453 oscilloscope will demonstrate the P6042 DC current probe and the Type 454 oscilloscope will demonstrate the

P6045 FET probe. The 454 will also demonstrate the P6046 differential probe and amplifier.

The Type 410 physiological monitor will display ECG and the human pulse waveform.

The Type 564 storage oscilloscope will be hooked up with the 3S2 dual-trace sampling plug-in with the S-1 and S-2 sampling heads, and the Type 284 pulse generator.

The 568 and 230 digital system will also be on exhibit, with the 3S2 plug-in unit and the 3T2 random sampling sweep unit.

A programmable measurement system for Integrated Circuit measurements will be in operation.

Two Telequipment instruments, the Type S54 DC to 10 MHz oscilloscope and S51B DC to 3 MHz oscilloscope, will also be on display.

A number of Tektronix people will participate in the activities in New York:

Chuck Samuel (PM Staff Engineering manager), chairman of the Sub-Committee on oscilloscopes, will hold a meeting which will be attended by Al Zimmerman (Sampling), Norm Wunningstad (Information Display manager), and Ralph Show (assistant to Bill Walker). Ralph will also be one of three editors speaking to the Section Editors.

Al Zimmerman will also attend a meeting of the Sub-Committee on Pulse Techniques.

Charles Rhodes (TV and Conventional Instruments manager) will attend a meeting of the Sub-Committee on Video-Transmission Standards.

Larry Biggs (Conventional Scopes) will attend a seminar on Computer Aided Circuit Design.

Lang Hedrick (Instrument Engineering manager) and Ralph Show will attend the Regional meeting. Also, Ralph will represent the Portland Section of IEEE at the Section Forum meeting.

Others attending the IEEE show in New York include:

Ted Brandt, US Marketing manager; Ron Hayes, Digital Systems Marketing; Morgan Howells, Advertising; Bob LeBrun, Product Technical Information manager; Tom Long, Marketing Technical Training; Tom MacLean, Digital Systems manager.

Ed Vaughan, Advertising manager; Earl Williams, Product Technical Information; Keith Williams, vice-president; Gene Cowan, Sampling; Morris Engelson, Spectrum Analyzers; Russ Fillinger, Low Frequency Biomedical Systems; Arnie Frisch, Spectrum Analyzers.

Val Garuts, Low Frequency Biomedical Systems; John McCormick, Sampling; Bill Walker, Preproduction Engineering manager; Bob Webb, Digital Instrumentation; Dick White, Accessories Design; Bill Hardin, Plant 4 Production manager; Don Verley, Plant 4 Industrial Engineering manager.

Stu McNaughton, Information Display Electronics; Warren Collier, Production Engineering Product Evaluation manager; and Carlo Infante, Advanced Instrument Design.



Swept frequency converter is designed as an accessory unit to the 1L5 and 3L5 plug-in units.

Seven new products to be announced this month

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carrying handle which also serves as a tilt-stand for bench use.

The Type 1A7A plug-in unit is designed for stability and ease of control in the difficult low level measurement area.

The plug-in unit further expands performance capabilities of Tektronix 530, 540, 550 and (with adapter) 580 series oscilloscopes.

The Type 1A7A is all solid state with protected FET input stages. The internal DC offset feature is usable over the full dynamic range of the instrument.

The new Type 3S2 dual-trace sampling plug-in with the Type S-1 and Type S-2 sampling heads provide new measurement capabilities in all Tektronix Type 561A, 564, 567 and 568 oscilloscopes.

The plug-in with the sampling heads permits changing measurement capabilities

to meet changing measurement needs. The sampling heads can be plugged into the Type 3S2 or attached by a three-foot or six-foot cable for remote use.

The Type 3S2 with sampling heads can be used in the Type 561A oscilloscope, Type 564 split-screen storage oscilloscope and Type 567 or 568/230 digital readout oscilloscopes, providing the user a choice of total measurement capabilities.

The Type 528 solid-state television waveform monitor requires only 5¼-inch vertical height and one-half rack width mounting space. Bright, easy-to-read video waveform displays are presented on its five-inch rectangular CRT.

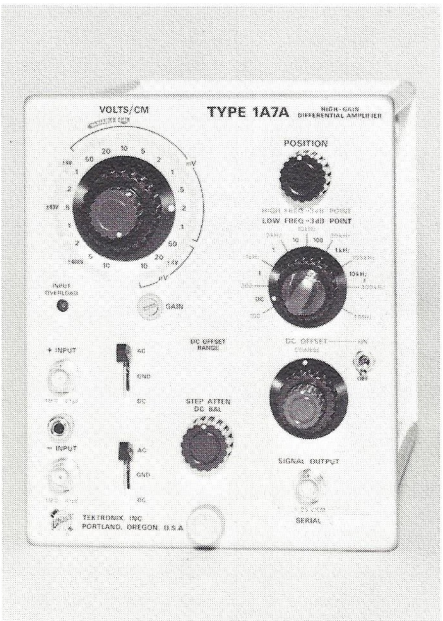
The instrument is especially well suited for monitoring signals from camera outputs, video system output lines, transmitter video input lines, closed-circuit TV systems and educational TV systems.

All solid-state circuitry provides low power consumption and long-term reliability.

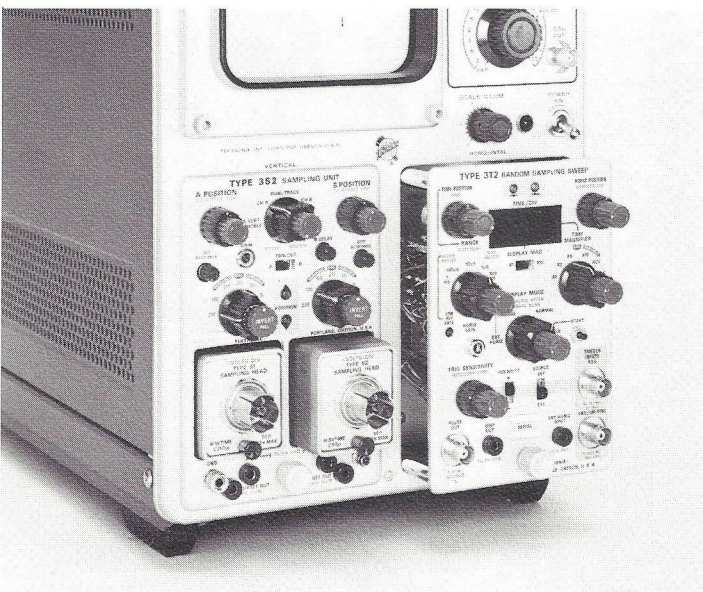
Type 454 oscilloscope with the new Type C-31 trace-recording camera provides single-shot photographs at the oscilloscope's fastest sweep speed. The camera has a fast 56 mm, f/1.2, 1:0.5 lens and uses a Polaroid Roll-Film Back that accepts 10,000 speed film.

Optional film backs include a Polaroid Pack-Film Back and a Graflex Back that accepts standard cut-film holders, film-pack adapters and roll-film holders.

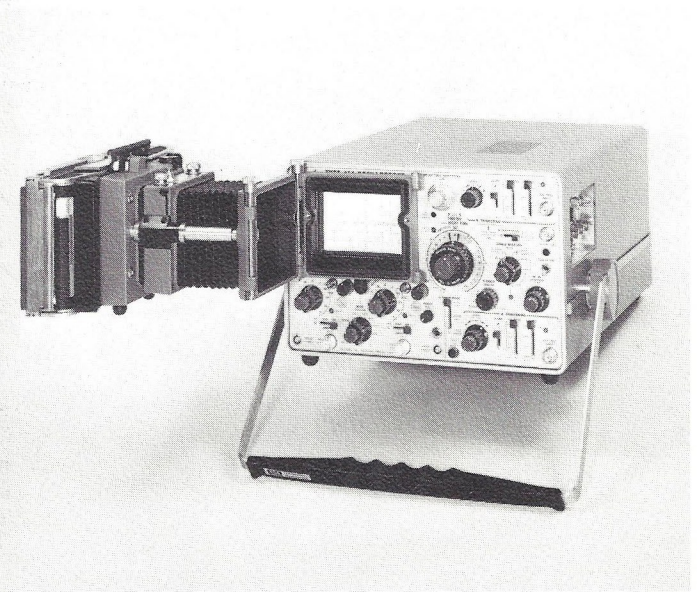
Designed as an accessory unit to the 1L5 and 3L5 plug-in units, the swept frequency converter accepts the local oscillator output of the spectrum analyzer and converts it down to 50 hertz to one megahertz at eight volts peak to peak maximum.



Type 1A7A plug-in unit is designed for stability and ease of control in the difficult low level measurement area.



Type 3S2 dual-trace sampling plug-in with Type S-1 and Type S-2 sampling heads provide new measurement capabilities in a number of Tektronix oscilloscopes.



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