

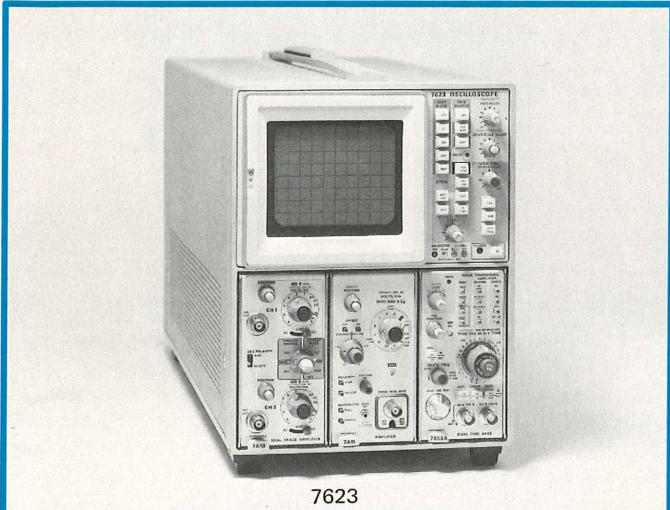


TEKTRONIX®

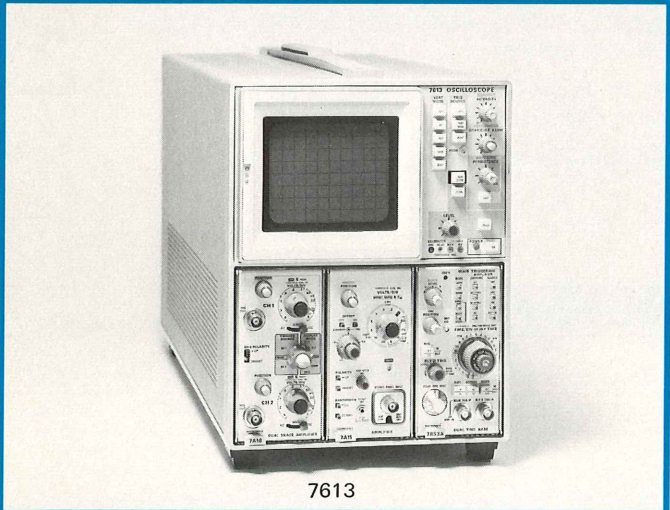
# NEW PRODUCTS

SUPPLEMENT NO. 6 to the MARCH '71 CATALOG

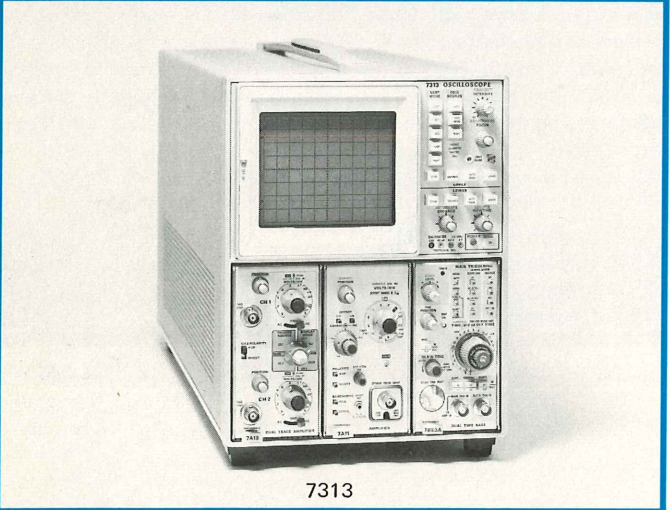
## 7000-SERIES PRODUCTS



7623



7613



7313

The 7000-Series Storage Oscilloscope Family includes six instruments; three cabinet models and three 5¼-inch rack-mount versions. Each mainframe has three-channel plug-in versatility and is compatible with the 24 TEKTRONIX 7000-Series plug-ins available for making virtually any measurement.

The 7623 (Option 12) Storage Oscilloscope delivers the World's Fastest Stored Writing Speed (200 cm/μs). The standard 7623 performs at 100 div/μs (0.9 cm/div). A new proprietary TEKTRONIX storage CRT is used to achieve these ultra-fast stored writing speeds. The CRT incorporates a special high-speed target and uses a unique mesh-to-mesh transfer technique. This unparalleled design and operation provides the extremely fast writing speed without compromising viewing time. This means stored traces can be viewed for hours or even days, without fading. The tube is extremely burn resistant. This means that there are no special operating precautions to be observed. The display area of the 7623 CRT is 8 x 10 div (0.9 cm/div). A reduced scan is not required to achieve the fast stored writing speed over the center 4 x 5 div area.

The instrument has four operating modes: Fast Bistable Storage, Regular Bistable Storage, Variable Persistence Storage, and Conventional (non-storage). Now, in just one oscilloscope, the operator can select the mode that best satisfies his measurement requirements. The 7623 bandwidth is from DC to 100 MHz, complemented by a 5 ns/div sweep speed.

- 7623 Storage Oscilloscope, without plug-in units . . . . . \$2850
- 7623 Storage Oscilloscope, without readout, Option 1 . . . . Sub \$400
- 7623 Storage Oscilloscope, FAST CRT, Option 12 . . . . . Add \$500
- R7623 Storage Oscilloscope . . . . . \$2950
- R7623 Storage Oscilloscope, without readout, Option 1 . . . Sub \$400
- R7623 Storage Oscilloscope, FAST CRT, Option 12 . . . . . Add \$500

The 7613 Storage Oscilloscope offers Variable Persistence operation with a stored writing speed of 5 div/μs or Conventional (non-storage) operation. Bandwidth is DC to 100 MHz, complemented by a 5 ns/div sweep speed.

The 7613 CRT is extremely burn resistant and doesn't require any special operating precautions. Stored traces can be viewed up to 15 minutes on a display area of 8 x 10 div (0.9 cm/div).

- 7613 Storage Oscilloscope, without plug-in units . . . . . \$2500
- 7613 Storage Oscilloscope, without readout, Option 1 . . . Sub \$400
- R7613 Storage Oscilloscope . . . . . \$2600
- R7613 Storage Oscilloscope, without readout, Option 1 . . . Sub \$400

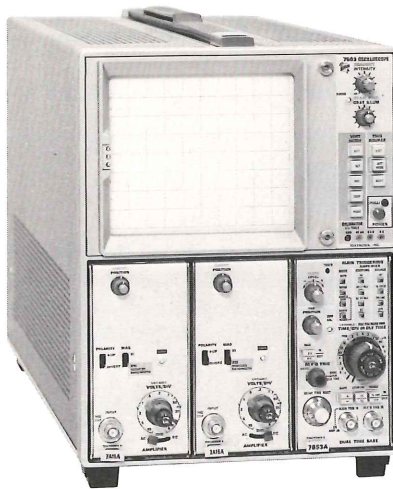
The 7313 Storage Oscilloscope offers Split-Screen Bistable operation or Conventional (non-storage) operation. It has a stored writing speed of 5 div/μs. Bandwidth is DC-to-25 MHz, complemented by a 20 ns/div sweep speed.

The 7313 is extremely burn resistant and doesn't require any special operating precautions. Stored traces can be viewed up to 4 hours on a display area of 8 x 10 div (0.98 cm/div).

- 7313 Storage Oscilloscope, without plug-in units . . . . . \$2000
- 7313 Storage Oscilloscope, without readout, Option 1 . . . Sub \$400
- R7313 Storage Oscilloscope . . . . . \$2100
- R7313 Storage Oscilloscope, without readout, Option 1 . . . Sub \$400



## TELEQUIPMENT PRODUCTS



The **TEKTRONIX 7600 FAMILY** is a new 100 MHz family with two conventional models, the 7603 Oscilloscope and its rackmount counterpart, the R7603, which requires only 5¼ inches of rack height. The bandwidth of these three-plug-in mainframes is DC to 100 MHz, and is complemented by a 5 ns/div sweep speed.

The 7603 CRT has a large display area (8 x 10 div at 1.22 cm/div), with a 15 kV accelerating potential. An optional CRT with a smaller display area (8 x 10 cm) and increased accelerating potential (18 kV) is available for maximum writing speed applications.

<b>7603 Oscilloscope, without plug-in units</b> .....	<b>\$1600</b>
<b>7603 Oscilloscope, without readout, Option 1</b> .....	<b>Sub \$400</b>
<b>7603, MAX BRIGHTNESS CRT, Option 4</b> .....	<b>Add \$75</b>
<b>R7603 Oscilloscope without plug-in units</b> .....	<b>\$1700</b>
<b>R7603 Oscilloscope, without readout, Option 1</b> .....	<b>Sub \$400</b>
<b>R7603, MAX BRIGHTNESS CRT, Option 4</b> .....	<b>Add \$75</b>



The **D66 Dual-Trace Oscilloscope** is the latest addition to the 60-Series family of instruments from TELEQUIPMENT. The D66 has a bandwidth of 25 MHz at 10 mV/cm, and 15 MHz at 1 mV/cm.

A full complement of vertical display modes is included: channel 1, channel 2 (normal or inverted), chopped (approx 80 kHz chop rate), alternate, and added. Signal delay allows viewing the leading edge of the signal.

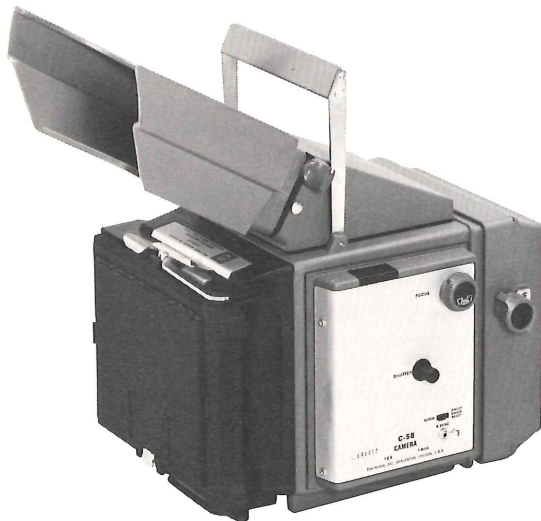
Sweep rates extend from 2 s/cm to 100 ns/cm (20 ns/cm with X5 magnifier). X-Y bandwidth is DC to 1 MHz with a phase error of less than 1° at 25 kHz.

An 8 x 10 cm CRT with an accelerating potential of 10 kV gives a clear, bright display.

**TLD66 Oscilloscope** .....

**\$795**

## CAMERAS



The **C-58 Camera** is a compact, low-cost trace recording camera featuring an extra-wide angle f2.8 lens with 1:1 magnification and a mechanical shutter. The C-58 Camera is primarily designed for use with Tektronix 7000-Series Oscilloscopes, but can be used for a variety of other trace-recording applications with a suitable adapter. The camera housing will accept either Graflok<sup>1</sup> film backs or Polaroid<sup>2</sup> roll- or pack-film backs.

<sup>1</sup>Registered trademark of Graflex, Inc.

<sup>2</sup>Registered trademark of the Polaroid Corporation.

<b>C-58G Camera (Graflok back)</b> .....	<b>\$590</b>
<b>C-58R Camera (roll-film back)</b> .....	<b>\$665</b>
<b>C-58P Camera (pack-film back)</b> .....	<b>\$625</b>
<b>C-58N Camera (no back)</b> .....	<b>\$540</b>

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**INFORMATION DISPLAY PRODUCTS**



**Interfaces for the 4002A Graphic Computer Terminal** now available are:

**DATA COMMUNICATION INTERFACE:**

021-0033-00 This interface transfers data-serially asynchronously in either a full-duplex or half-duplex mode. It conforms to the EIA Standard RS-232-C or CCITT V24. Internal clocks or external timing signals may be used. Transmit and receive rates are independent of each other and easily selected on back panel switches. Standard selectable rates are 110, 150, 300, 600, 1200, 2400, 9600 bits/sec inclusive. Two positions of each switch are provided for user chosen rates.

**Data Communication Interface . . . . . \$600**

**TELETYPE PORT INTERFACES:**

- 021-0034-00 DEC PDP-8/i, 8/L and 12
- 021-0035-00 Data General Computers
- 021-0036-00 HP 2100 Series & 2000A (12531 card)
- 021-0037-00 Varian 620/i, 620/L, 620/R
- 021-0038-00 Honeywell H316
- 021-0039-00 Interdata Computers and G.E. Process Computers with Teletype Control Card Type 32-062 F01
- 021-0039-01 Interdata Computers and G.E. Process Computers with Teletype Control Card Type 32-120 F01
- 021-0040-00 DEC PDP-11
- 021-0041-00 Varian 620F
- 021-0043-00 Raytheon 703, 704, 706
- 021-0044-00 DEC PDP-9
- 021-0045-00 DEC PDP-8 (S/N 150 & up)
- 021-0045-01 DEC PDP-8 (S/N 149 & below)
- 021-0046-00 DEC PDP-15
- 021-0047-00 DEC PDP-8/e with Module M865
- 021-0047-01 DEC PDP-8/e with Module M8650
- 021-0051-00 Honeywell DDP 516

**Teletype Port Interfaces . . . . . \$750**



**Interfaces for the 4010 Computer Display Terminal** have been expanded to include:

**DATA COMMUNICATION INTERFACES:**

- Standard Standard Data Communication Interface included with the 4010 and 4010-1 is RS-232-C compatible. Strap selectable input/output data rates of 150, 300, 600, 1200, 2400, 4800 and 9600 bits/sec.
- Option 1 Optional Data Communication Interface with convenient switch selectable functions including: local-echo, full-duplex, half-duplex and independent transmit and receive rates of 110, 150, 300, 600, 1200, 2400, 4800 and 9600 bits/sec.

**TELETYPE INTERFACES:**

- Option 2 DEC PDP-11
- Option 3 DEC PDP-8/i, 8/L, 12, 15
- Option 4 Data General Computers
- Option 5 DEC PDP-8/e with Module M865
- Option 5A DEC PDP-8/e with Module M8650
- Option 6 HP 2100 Series, 2000A (12531 card)
- Option 7 Varian 620/i, 620/L, 620/R
- Option 9 Raytheon 703, 704, 706
- Option 10 DEC PDP-8 (S/N 150 & up), PDP-9
- Option 10A DEC PDP-8 (S/N 149 & below), PDP-9
- Option 11 Honeywell H316
- Option 12 Honeywell DDP-516
- Option 13 Interdata Computers and G.E. Process Computers with Teletype Control Card Type 32-062 F01
- Option 13A Interdata Computers and G.E. Process Computers with Teletype Control Card Type 32-120 F01
- Option 14 Varian 620F

Interface should be specified at time of placing order.

**4010 with standard interface . . . . . \$3950**  
**4010 with any optional interface . . . . . \$4250**  
**4010-1 with standard interface . . . . . \$4250**  
**4010-1 with any optional interface . . . . . \$4550**

**THE FOLLOWING PRODUCTS WERE INCLUDED IN  
THE MAY 1972 NEW PRODUCT SUPPLEMENT**

**TM 500 Plug-in Test And Measurement System**  
**J16 Photometer/Radiometer**  
**7704A Oscilloscope**  
**7B53AN Option 5 Dual Time Base**  
**7A15A/7A15AN Amplifier**  
**1430 Random Noise Measuring Set**  
**650-Series Color Television Picture Monitors**  
**149 NTSC Test Signal Generator**  
**520A NTSC Vectorscope**  
**631/632/633 Monochrome Picture Monitors**  
**603/604 Option 4 Display Monitor**  
**613 Storage Display Unit**  
**N/C Editor System**

For further information or a demonstration of these products, please contact your local TEKTRONIX Field Office or return the enclosed inquiry card.

**Tektronix, Inc.**

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