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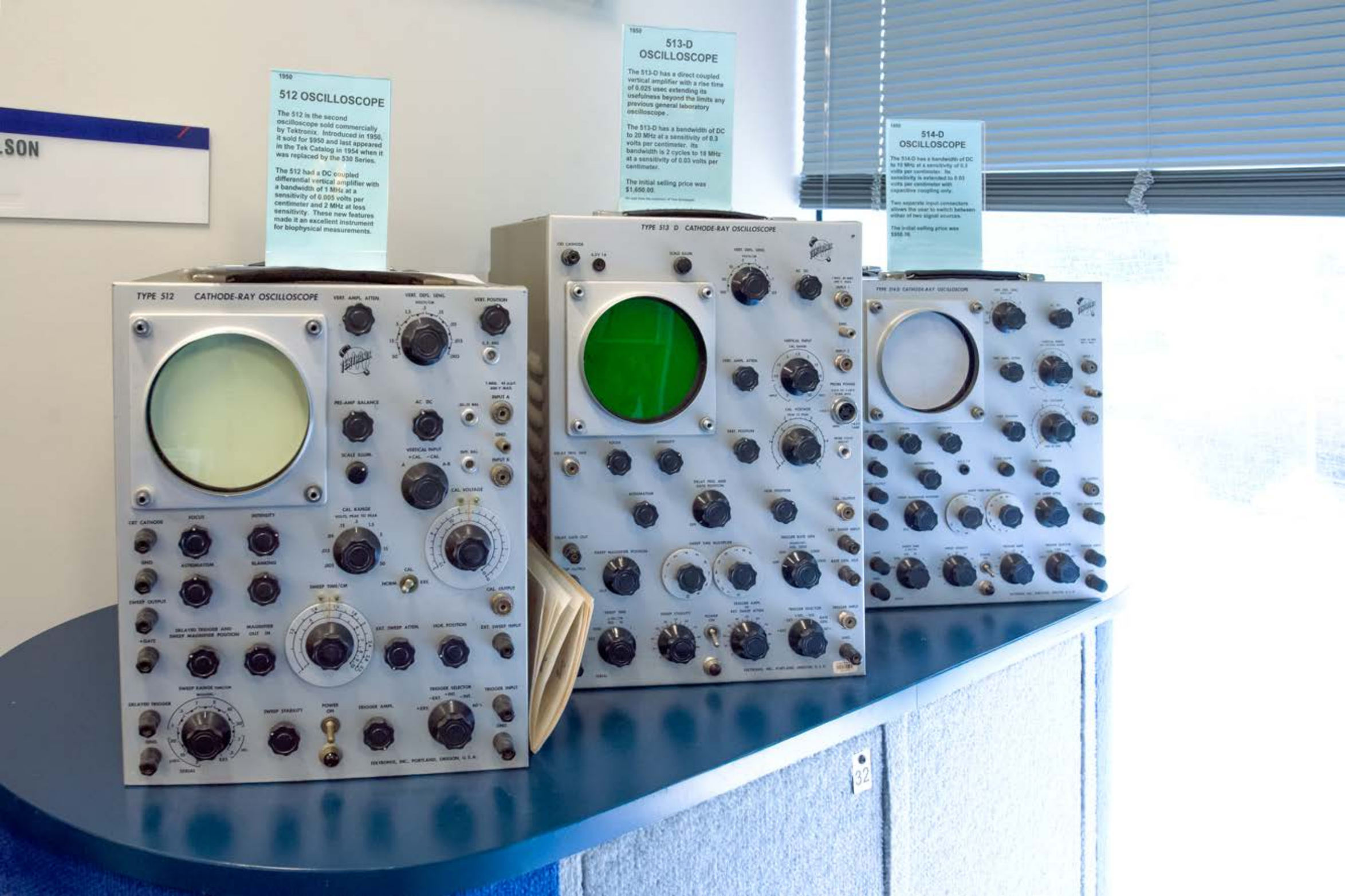
Tektronix First Ad
Sept 1948 Electronics Magazine
Versatility...Plus
Tektronix Beginnings
TYPE 121 WIDE BAND PRE-AMPLIFIER
Type 101 Video Calibrator
This Type 101 Video Calibrator is a very important instrument and one of the most prized instruments in the museum.
In 1946 Howard Vollum was finishing up the design of his oscilloscope and the company needed to prepare for manufacturing. This was by no means a simple task as purchasing, assembly, test, and shipping departments all needed to be set up, people had to be hired and trained, and procedures had to be written.
Miles Tippery, one of the three founders of Tektronix and responsible for operations, described setting up manufacturing in his autobiography:
Lowell Hadley was hired and given the assignment of setting up facilities for producing our first batch of oscilloscopes. As it was obviously going to take several months to get these instruments into the production stage it was decided to do something simpler for our first venture into the manufacturing business.
Howard had designed a small calibration instrument to use in connection with perfecting the oscilloscope circuits. He felt that this instrument would have some acceptance for laboratory use and would provide a temporary source of income.
A production run of ten of these instruments was manufactured with the idea that another run would be manufactured if the first ten sold readily. Unfortunately, there was not much demand for an oscilloscope calibrator at this time. Therefore, it would have to be admitted that the first Tektronix venture into the manufacturing business turned out to be a resounding failure.
Tektronix production oscilloscope started with serial number 101. Note the unique serial number on the Type 101 of 11402 – which stands for November, 1946, #1. This Type 101 Video Calibrator is indeed the very first Tektronix product.
Type 511 Oscilloscope
The Type 511 was Tektronix first oscilloscope model. It was introduced in 1947 and the first instrument was bought by Dr. Archie Tunturi at the University Of Oregon Medical School (later to become OHSU) and was shipped in July.
The 511 initially sold for $595.00, compared to $1,800.00 for a two-piece Dumont scope that was mostly pre-war technology. Later the price was raised to $795.00.
"511" stood for a 5" CRT, 1 channel, 1st model. This nomenclature convention only lasted for a short time being followed by the 512, 513, and 514 oscilloscopes.
The first mention of the 511 appeared in the April 1948 issue of Electronics. It wasn't called the 511, simply the Vollum oscilloscope.
The first advertisements for the 511 appeared in the September 1948 issues of The Review Of Scientific Instruments, Proceedings of the IRE, and Electronics.
Howard started this oscilloscope design in his parent's basement and later moved to the M. J. Murdock Company on 67th and Foster Road in Portland. That later proved to be too small and eventually Jack Murdock moved his store to 3rd and Hawthorne in downtown Portland where manufacturing first began.
Tektronix started the serial numbers at 101. This oscilloscope is serial number 441 so it is the 340th Type 511 oscilloscope manufactured.
The oscilloscope was an instant success and the newly formed company found themselves working three shifts to meet demand. The 511 had a bandwidth of 10 MHz and a vertical sensitivity of 125 mV/cm. Later an "A" revision improved some features including a regulated power supply and a "D" revision added a delay line to be able to view what your triggered on.


1950
512 OSCILLOSCOPE
The 512 is the second oscilloscope sold commercially by Tektronix. Introduced in 1950, it sold for $950 and last appeared in the Tek Catalog in 1954 when it was replaced by the 530 Series.
The 512 had a DC coupled differential vertical amplifier with a bandwidth of 1 MHz at a sensitivity of 0.005 volts per centimeter and 2 MHz at less sensitivity. These new features made it an excellent instrument for biophysical measurements.
1950
513-D OSCILLOSCOPE
The 513-D has a direct coupled vertical amplifier with a rise time of 0.025 usec extending its usefulness beyond the limits any previous general laboratory oscilloscope .
The 513-D has a bandwidth of DC to 20 MHz at a sensitivity of 0.3 volts per centimeter. Its bandwidth is 2 cycles to 18 MHz at a sensitivity of 0.03 volts per centimeter.
The initial selling price was $1,650.00.
1950
514-D OSCILLOSCOPE
The 514-D has a bandwidth of DC to 10 MHz at a sensitivity of 0.3 volts per centimeter. Its sensitivity is extended to 0.03 volts per centimeter with capacitive coupling only.
Two separate input connectors allows the user to switch between either of two signal sources.
The initial selling price was $950.00.
TYPE 512 CATHODE-RAY OSCILLOSCOPE
TYPE 513 D CATHODE-RAY OSCILLOSCOPE
TYPE 514 D CATHODE-RAY OSCILLOSCOPE
TEKTRONIX, INC., PORTLAND, OREGON, U.S.A.
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575 Curve Tracer
TYPE 581 A OSCILLOSCOPE
TYPE 86 PLUG-IN UNIT


YAMAHA
MS10
PERSONAL STUDIO SYSTEM
MONITOR SPEAKER
315D Oscilloscope
30


514-D
OSCILLOSCOPE
1974
R7912 Transient Digitizer
519 Oscilloscope
SONY
92


PIN: 0161
lenovo

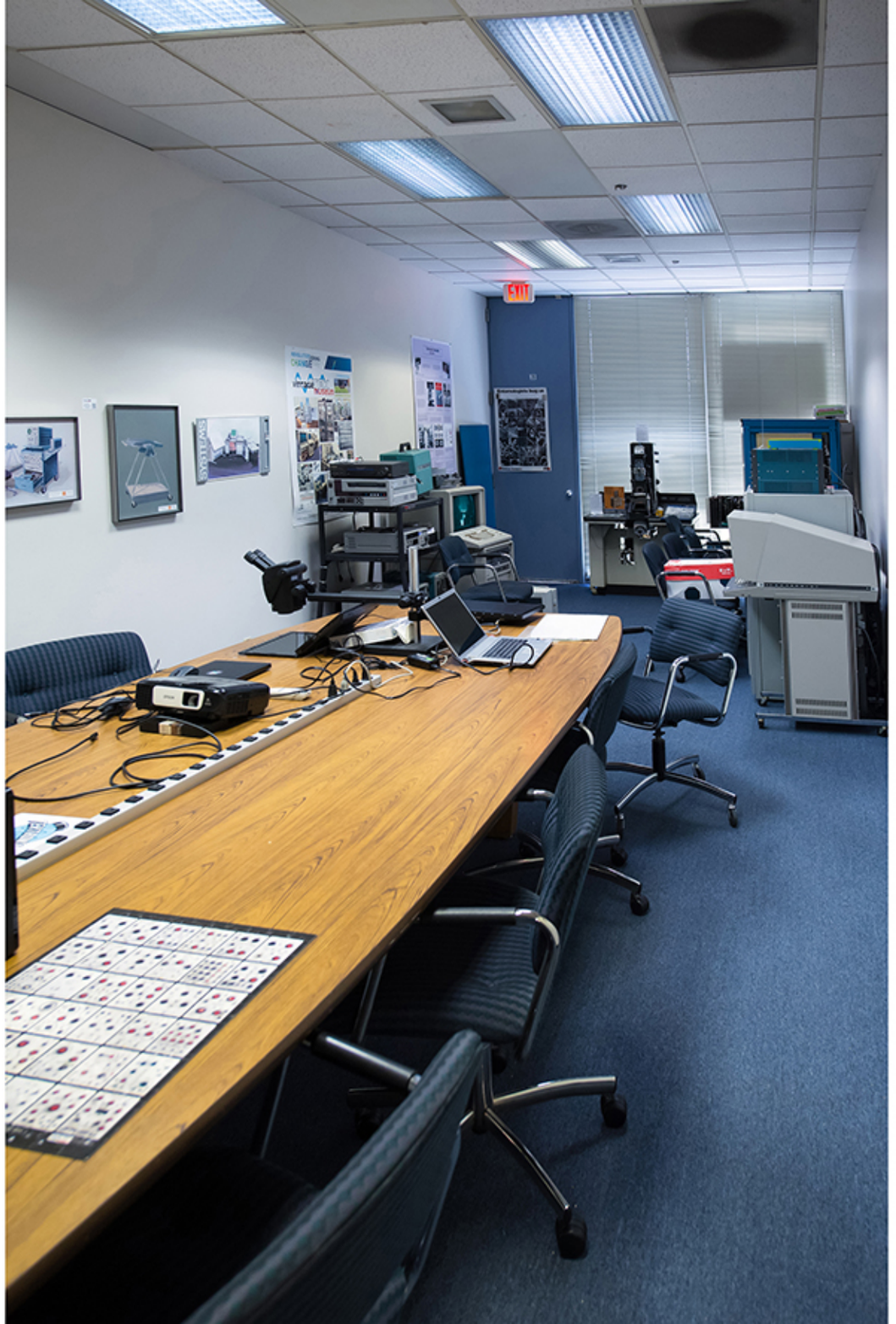

Tektronix
Audio Waveforms
MUSICSTAR


vintageTEK
Tektronix


EXIT
Tek 31 Calculator


CA Plugin Unit
Tektronix Catalog. The CA is a
dual-trace plugin with 24 MHz
bandpass when used in a 540 Series
ght improvement over the
nd similar type 53/54C
plugin. The CA allowed the channels
to be added algebraically and when
channel is inverted. It has limited
use as a differential amplifier.
A initially sold for $250.
vintage
TYPE 541 OSCILLOSCOPE
TYPE 53A OSCILLOSCOPE
TYPE 53C
PLUG-IN UNIT

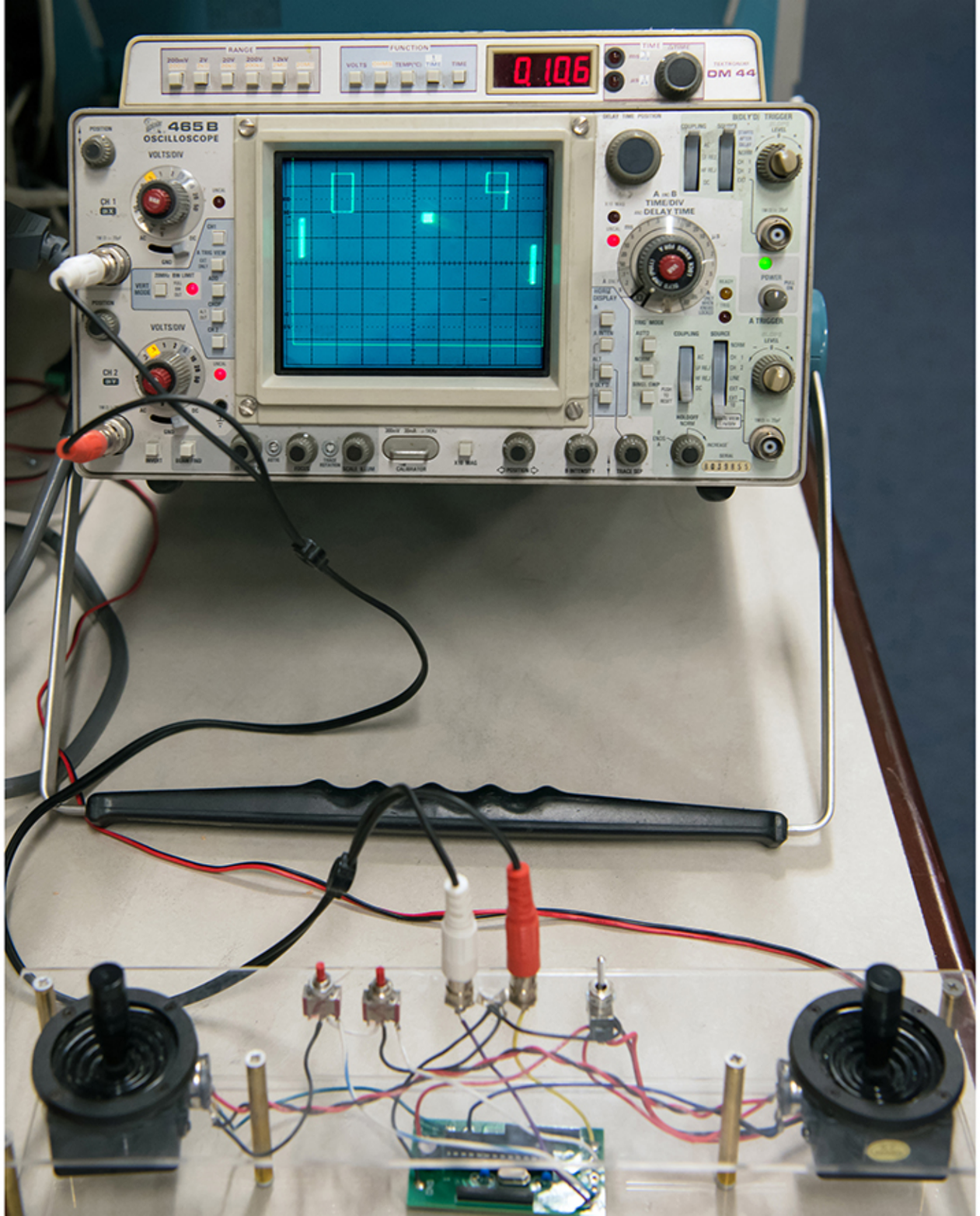

Tektronix 4010-1
Input text followed by RETURN
Type RETURN alone to exit


EXIT


OF-152 Fiber Optic TDR

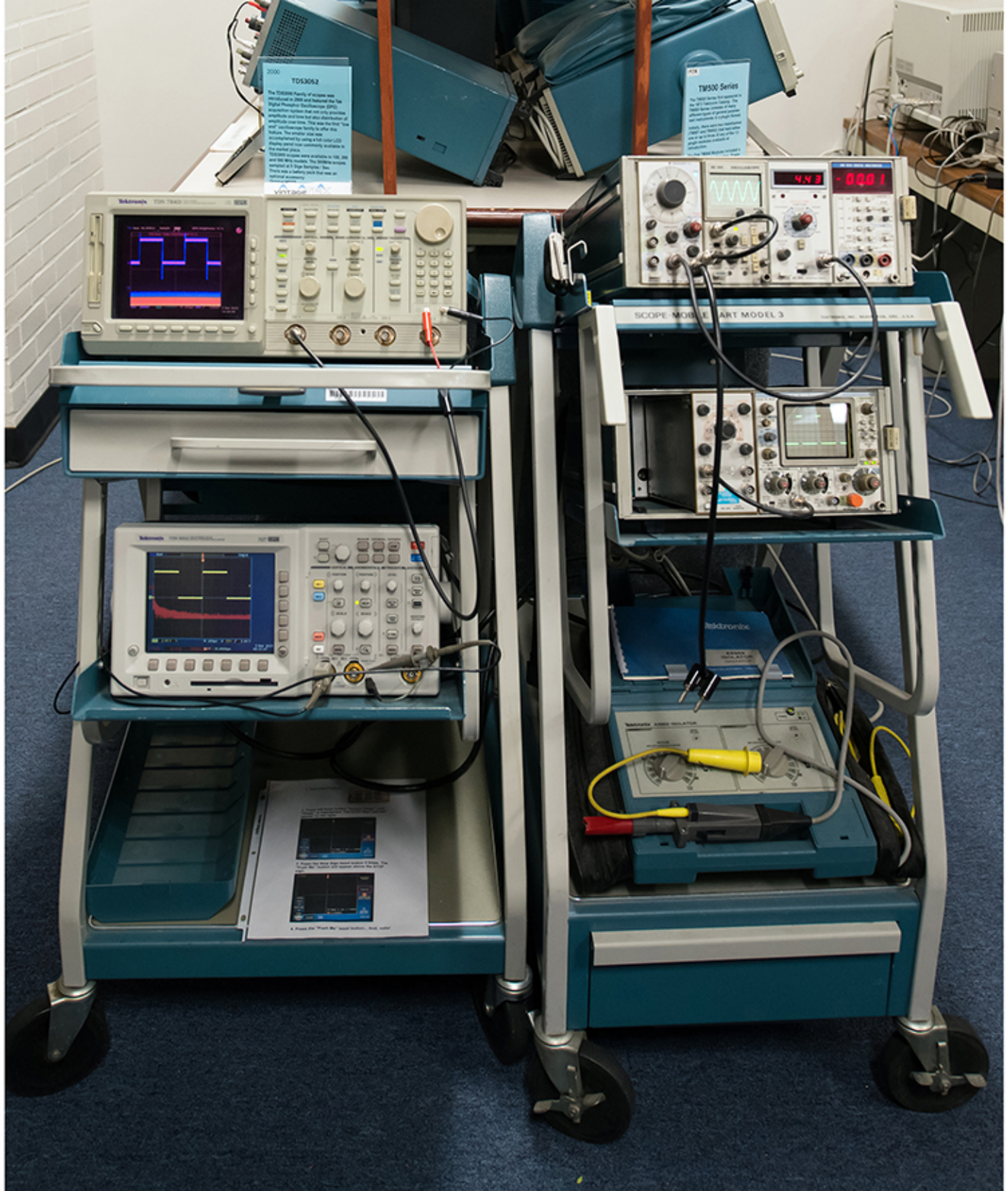

FRAGILE !!
vintage
museum

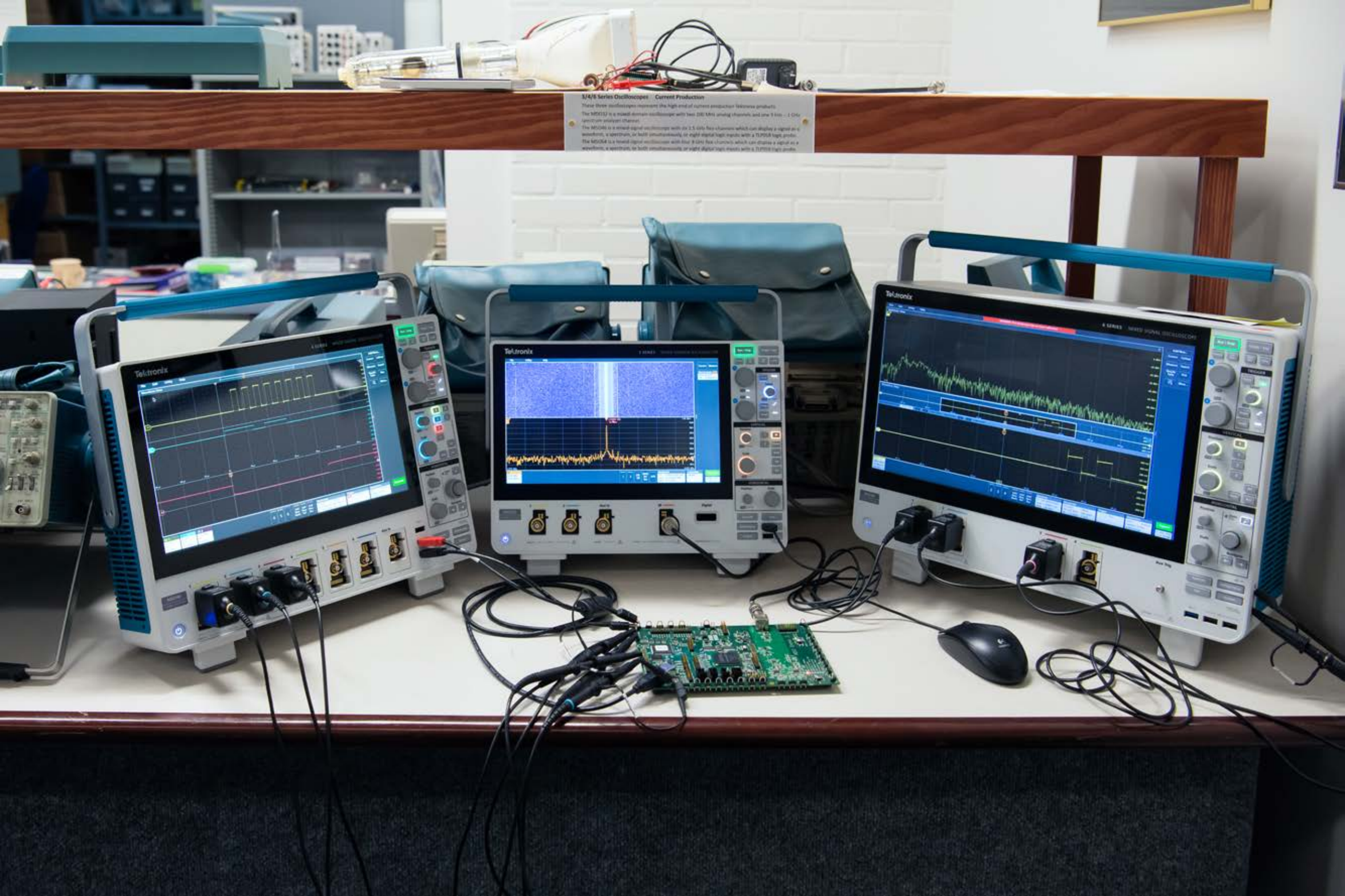

ktronix
ix
tek
37


465B
OSCILLOSCOPE
VOLTS/DIV
TIME/DIV
DELAY TIME
A TRIGGER
DM 44


Scope Artist


SPARE PARTS KIT


TDS3052
TM500 Series
SCOPE MOBILE CART MODEL 3
Tektronix


5/4/6 Series Oscilloscopes Current Production
Tektronix
Tektronix
Tektronix


A JOURNEY INTO THE FUTURE
Tektronix
THE TEK SPECTRUM
Oscilloscope Music
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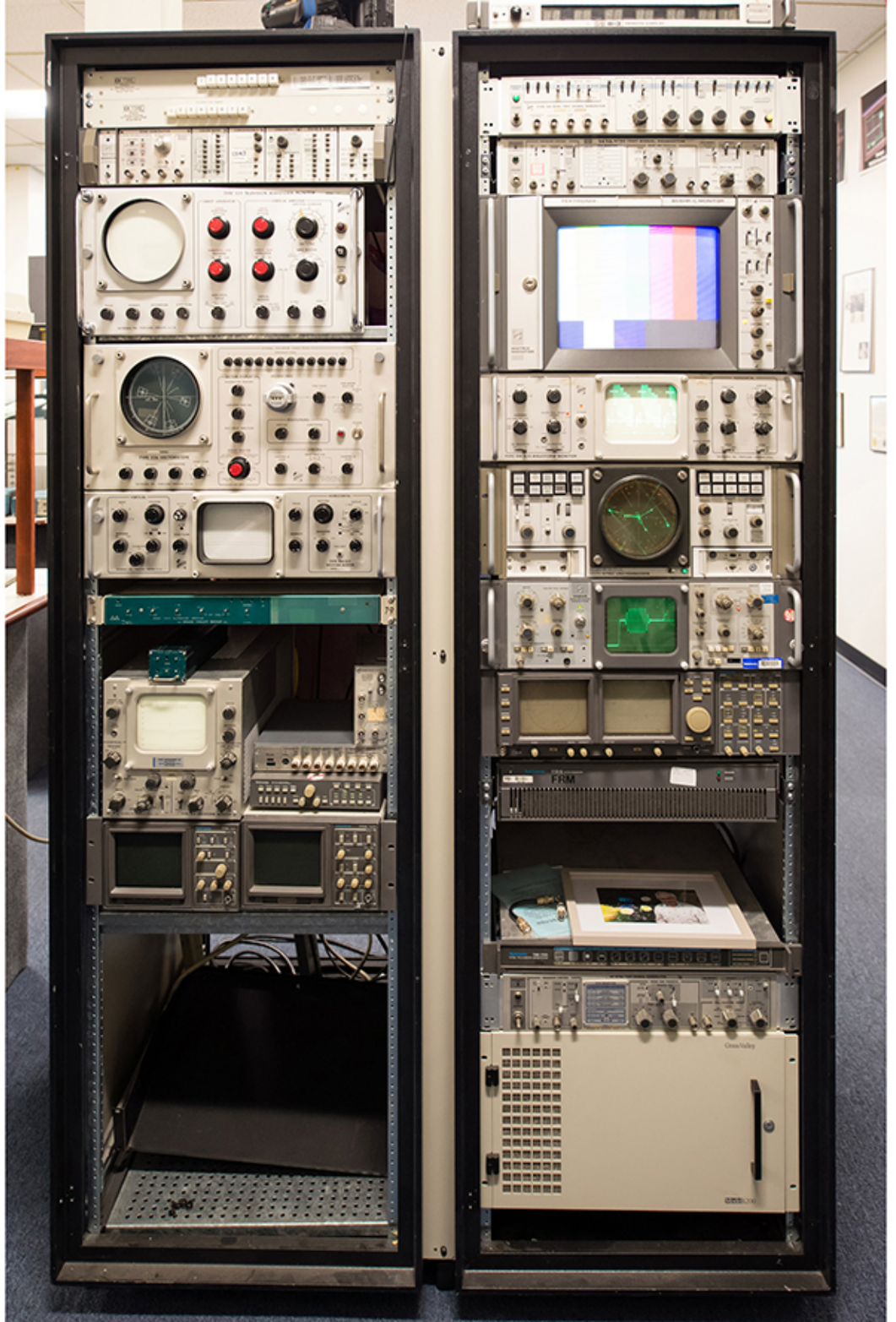
Tektronix


State of art
CANVAS
Tektronix
vintage tek MUSEUM
Restoration Room
No Public Access
TEKTRONIX
4081 GRAPHICS SYSTEM


MODEL 100
SPARE PARTS KIT




LIFE
Control of Life
SILICON FOREST
Tektronix


Do You Have the Right Probe but the Wrong Ground Lead?
State
art


vintage
museum


Tektronix "bling"
TEKTRONIX
MASTERS 85


T8151 Avionics Color CRT
Used in USAF C17
Tektronix


INTRODUCING
Tektronix K415
Tektronix


SOUNDS UNLIMITED
MARTY GOLD
Tektronix
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