



EL INSTRUMENTS INCORPORATED

61 First Street, Derby, Conn. 06418 • Phone 203/735-8774

elite™

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**DYNAMIC
BREADBOARDING
SYSTEMS . . .**
from the boys at



MAY 1971

MR. T. NELSON SYS. CONS
BOX 3
SCHOOLLEYS MT. NEW JERSEY
07870

the boys at



EL INSTRUMENTS INCORPORATED
61 FIRST STREET
DERBY, CONNECTICUT 06418

the creators and producers of

- DYNAMIC BREADBOARDING SYSTEMS
- DIGITAL AND ANALOG SIGNAL SOURCES
- COUNTING AND TIMING INSTRUMENTATION

AND THE NEW

- UNIVERSAL COMPONENT EL SOCKET[®]

elite

Circuit Design Test Systems . . .

MAY 1971

A complete advance concept Circuit Design Test Systems, developed to provide engineers with a versatile instrument for circuit designing, layout, testing and construction with any combination of components and modules.

To insure dependability, extreme care of design and workmanship have gone into the time-proven circuitry of the Elite systems.

elite 1 only \$650.

- BUILT-IN WIDE RANGE PULSE GENERATOR
- BUILT-IN VARIABLE POWER SUPPLY
- BUILT-IN RANDOM ENTRY DISPLAY
- BUILT-IN ISOLATED SWITCH ARRAY
- TOTAL SHORT-CIRCUIT PROOF CONSTRUCTION
- UNIVERSAL COMPONENT ACCEPTANCE
- UNLIMITED FAN IN/FAN OUT CAPABILITY
- COMMON HOOK-UP WIRE INTERCONNECTIONS

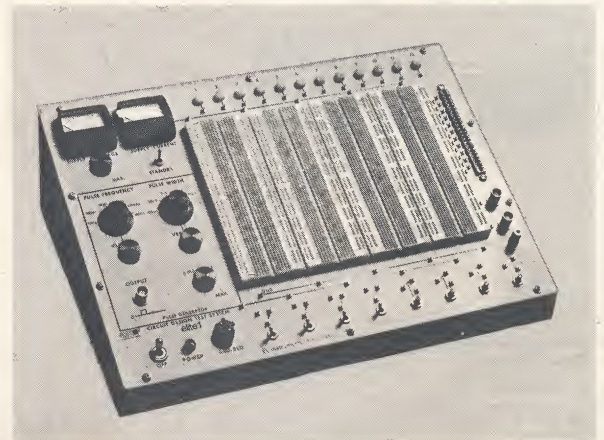
SIZE: 4 1/2" high, 15" wide, 11" deep

The compact, self-contained ELITE 1 incorporates a unique combination of—universal component terminals, a Wide-Range Precision Pulse Generator, an extremely stable Variable Power Supply, a Random Entry Display, and various switches, jacks and connectors.

This system accommodates a wide variety and considerable number of Integrated Circuits and discrete components, providing the engineer with a flexible and versatile instrument to design, lay-out, test and construct circuits.

Many advantages and "short-cuts" are made available with the ELITE 1, such as, the low frequency pulse range (1-10 Hz) combined with the indicator lamps for direct, inter-circuit signal analysis, as well as, independent component terminal banks and isolated switches for multi-circuit construction.

In addition to versatility—economy and ease of operation were basic parameters in the design of the ELITE 1. The 165 closed entry pin jacks and 4 universal component terminal strips are strategically located for maximum access and flexibility, and minimum interconnection lead lengths. Concerning economy, all jacks and terminal strips accept common #22 gauge hook-up wire for component interconnections.



elite 1

elite 2 only \$1300.

SAME FEATURES AS elite 1
PLUS these added advantages,
offering more capacity:

- BUILT-IN WIDE RANGE WAVEFORM AND PULSE GENERATOR
- 3 BUILT-IN FLOATING, SHORT CIRCUIT PROOF POWER SUPPLIES

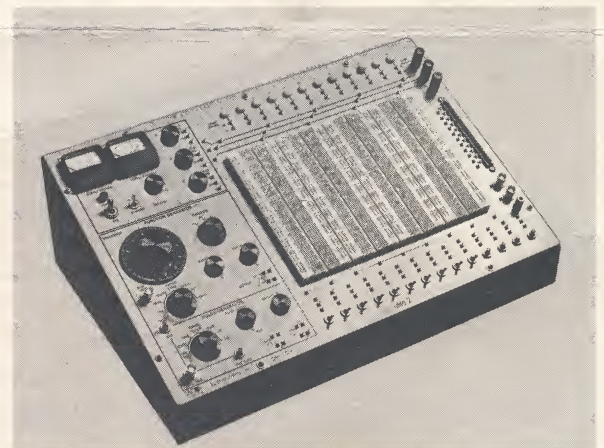
SIZE: 6" high, 17 1/2" wide, 12" deep

The Elite 2 has three independent supplies; a 2-10 volt, 2 amp and two 5-30 volt, 0.2 amp units to suit an even wider variety of circuits than that of Elite 1, including MOS circuits. The regulation of all three supplies is 0.1% (line and load).

All supplies can be turned on or off with the built-in "stand by" switch. A feature particularly useful during the cut-and-try or design phases of circuit design.

The waveform generator of Elite 2 has sine, triangle, square-wave and positive and negative pulses. Amplitudes are continuously adjustable from 0.1 to 10 volts, in two ranges. The lower range, 0.1 to 1 volt, not available in Elite 1, permits threshold testing. Pulse rise and fall times are 15 ns compared to 50 ns for Elite 1.

Another important feature of Elite 2 is baseline adjustment within 10 volts (in two ranges), allowing functional testing at various biasing levels. The Elite 2 also has a "one-shot" facility, a trigger input and a sync output, absent in Elite 1, and 10 toggle switches instead of four in Elite 1.



elite 2

elite 3 only \$350.

The economy circuit design system

SIZE: 4 1/4" high, 15" wide, 11" deep

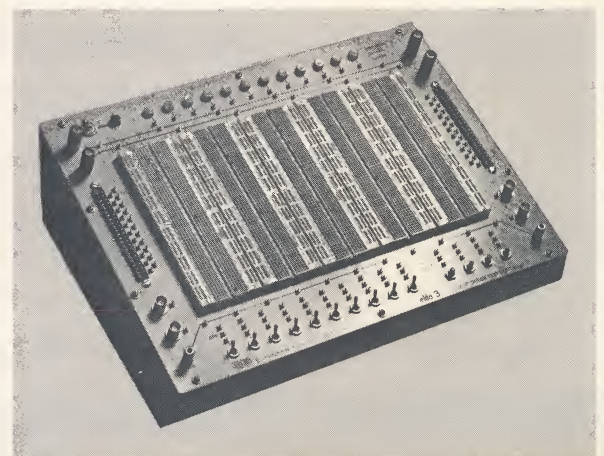
Save Money, Time and Materials by using the Elite 3 for breadboarding circuits and logic in the laboratory, classroom or service center.

The Elite 3 is a complete advance concept Circuit Design Test System, developed to provide engineering with a versatile instrument for circuit designing, layout, testing and construction with any combination of components and modules.

This unique, versatile breadboard has been used for constructing high quality research circuits, performing hundreds of experiments in teaching laboratories, in testing analog and digital circuit designs, as well as interfacing computers.

The Elite 3's Built-in Indicator Lamps, Control Switches and Pushbuttons, Interfacing BNC's and 22-Pin Connectors accompanied by 5 easy to use, solderless Component Sockets provide Fast, Cost and Time Saving design and optimization of circuit and logic assemblies. New designs formerly requiring days, weeks or even months of old fashion breadboarding can now be Built, Tested, and Finalized in a matter of hours . . . without the use of solder or any special patch cords—#22 gauge solid insulated hook-up wire is all that's needed for interconnecting components.

Because there is no soldering, there is no waste . . . no need to clip out components and throw them away. Expensive IC's and semiconductors can't be damaged by heat . . . limited quantity samples can be re-used. The problems of sloppy, unreliable rat nest breadboards are eliminated.



elite 3

QUANTITY DISCOUNTS AVAILABLE ON REQUEST
ALL PRICES F.O.B. DERBY, CONNECTICUT

TERMS: 1/2% 10 DAYS, NET, 30 DAYS
DELIVERY: 30 DAYS A.R.O.

Please ship the following:

_____ ELITE 1 @ \$650.00

_____ ELITE 2 @ \$1300.00

_____ ELITE 3 @ \$350.00

MY PURCHASE ORDER NO. _____
IS ENCLOSED WITH THIS CARD.

I CAN USE the Elite systems IN THE NEAR FUTURE

PLEASE SEND ME THE FOLLOWING:

DETAILED SPECIFICATIONS

FORMAL QUOTATION

I WOULD ALSO LIKE ADDITIONAL PRODUCT INFORMATION

MR. T. NELSON SYS. CONS
BOX 3
SCHOOLEYS MT. NEW JERSEY
07870

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DERBY, CONN

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