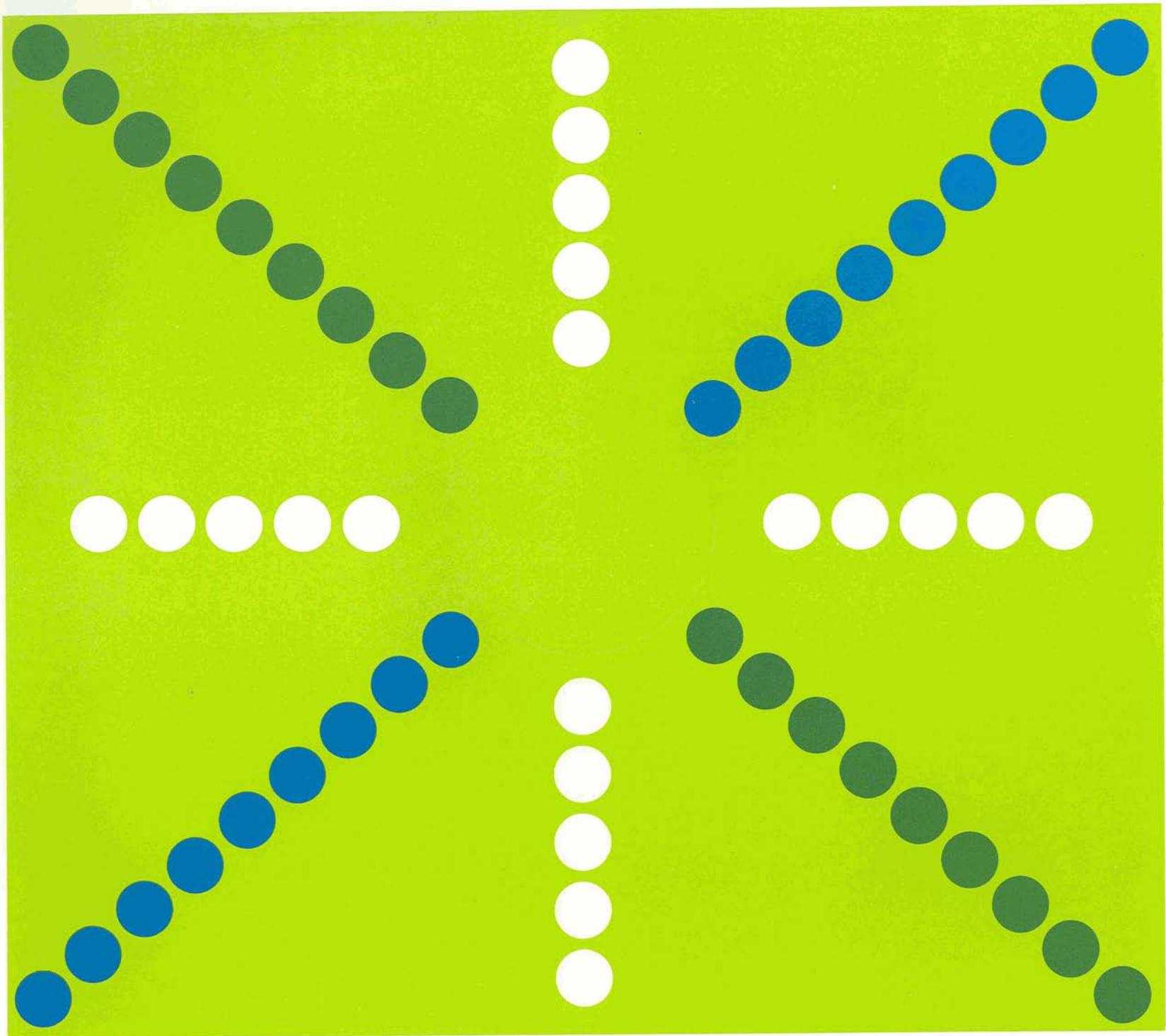


UNIVAC / UNISCOPE 300



SEE THE NOW FACTS ... NOW / UNISCOPE 300



UNIVAC UNISCOPE 300 / VISUAL COMMUNICATION TERMINAL

## SEE THE NOW FACTS...NOW

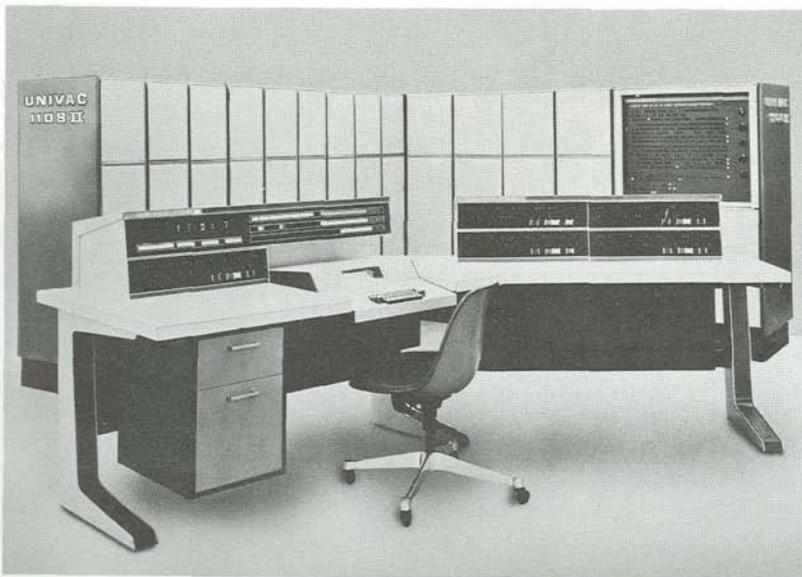
- **Wide Variety of Uses**—and easy to operate.
- **Unmatched Versatility**—edit, analyze, review, compare, and up-date information.
- **Accurate Communication of Information**—characters recognized at a glance on all parts of the screen.
- **Economically Utilizes Full Capabilities of Computer and Telephone Lines.**
- **Instant Applications . . . Instant Results**—decisions based on "now" facts, plus continuous instant up-dating of information.
- **Choice of Two Models**—self-contained single station, and a multi-station available in groups of two to 48 units.
- **Plus . . . more features at no extra cost.**

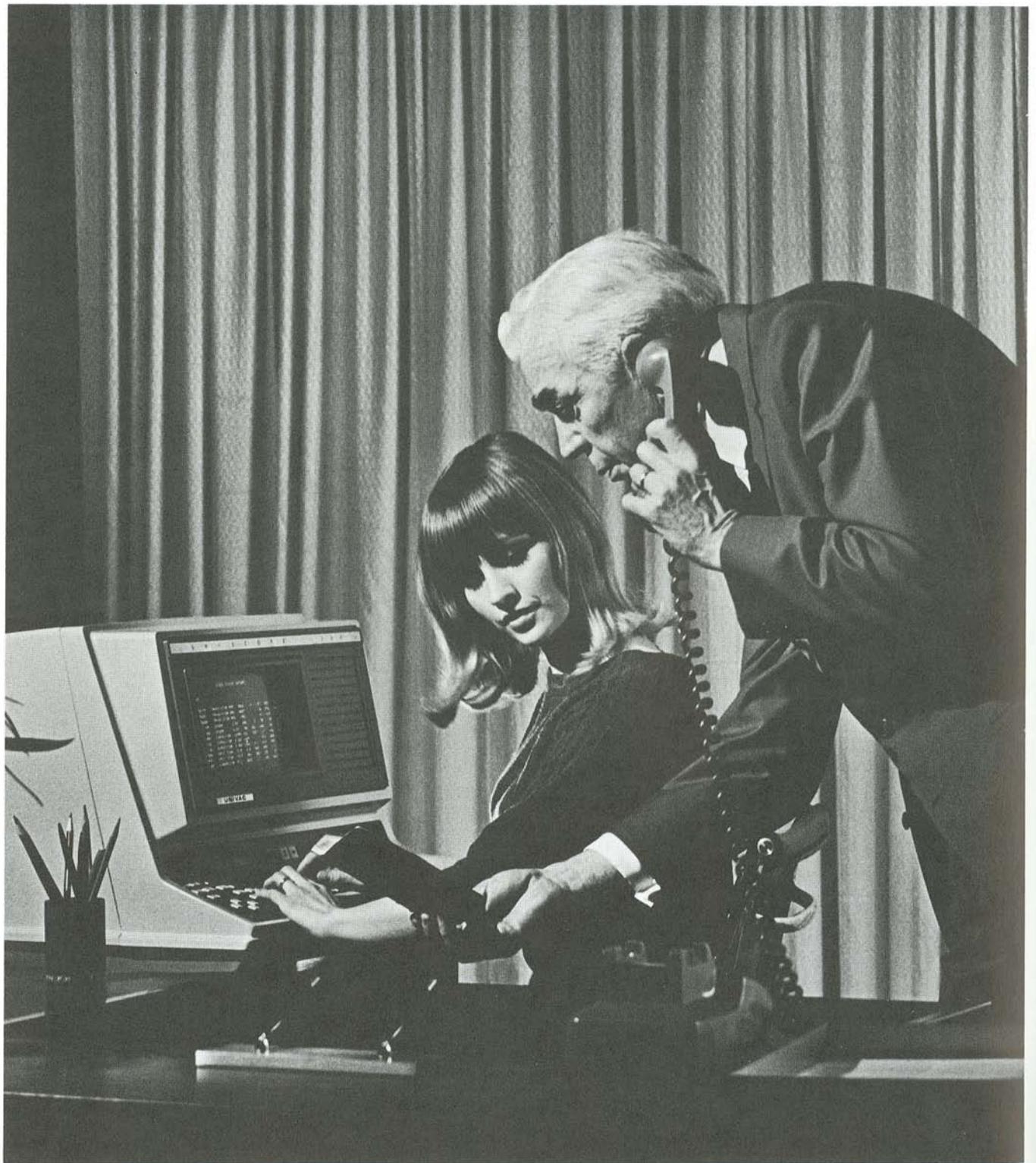
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Type out a question about the "now" status of any aspect of your business on your desk-top UNIVAC® UNISCOPE\* 300 visual communication terminal. Depress a few keys or type at over 80 words per minute. Your computer, or one at a Univac Data Processing Center, will send you an immediate answer and your UNISCOPE will display it in crisp, clear type on a flicker-free screen.

Revise it . . . add, subtract, update it, or compare it to other information. Formulate new questions and think up new approaches as you are observing your new answers. Take action.

You can get this "now" action simultaneously from any number of your nearby or widely dispersed offices, plants, schools, stores, or warehouses—even if they are thousands of miles apart. And, you can reduce the cost and time of updating your computer by applying transactions and other input data to it directly. Besides the UNISCOPE 300 and the computer, all you need is a telephone line and interconnecting equipment at the selected locations.





## CHOICE OF TWO

The UNISCOPE 300 is a keyboard operated, visual communication terminal with a precision display screen. It is available in two versions: The UNISCOPE 300S and the UNISCOPE 300M. The 300S is a completely self-contained single station. The 300M is a multi-station comprised primarily of a keyboard and display unit. From two to forty-eight 300M terminals can be used in a system with a single control unit.

The basic keyboard, with 61 keys, is similar to the keyboard of an electric typewriter. For specific applications up to 40 function keys can be added. By using special overlays, you can have 122 combinations of 35 of these keys.

The display has a 10-inch by 5-inch viewing area. Sixteen lines of information with up to 64 characters in each line, totaling 1024 characters, can be presented at one time.

## SIMPLE TO OPERATE

If you can operate an electric typewriter you can quickly learn to operate a UNISCOPE 300 visual communication terminal.

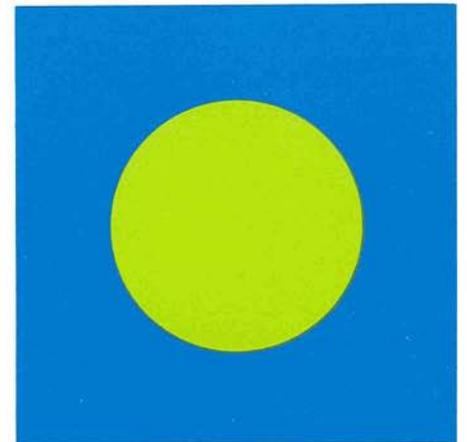
The same instant a character is typed, it is displayed. A completed message can be visually verified, quickly edited, and sent to the computer. Each message and its reply from the computer are independent of those on any other UNISCOPE terminal. As a result, you and management or operating personnel at any number of UNISCOPE locations can make inquiries, obtain immediate replies, and send input data continuously and simultaneously.

## UNMATCHED VERSATILITY

By means of a small cluster of conveniently located editing keys, you can quickly erase or insert characters or lines, or an entire message.

You can also review or analyze information by requesting the computer to subtract and add lines to give the effect of **rolling** the information either up or down in **scroll** fashion. Or, you can compare information by **splitting the screen**—a technique of deleting selected groups of lines and inserting information in the vacated space. And, you can **roll and scroll** the new information.

When using a UNISCOPE terminal to update your computer, you can interrupt at any time and send a query. And, you can visually review and compare your answer to the recently entered, updated transaction or other input data.





MANUFACTURING FIRMS  
RETAILERS  
INSURANCE COMPANIES  
SCHOOLS  
COMMUNICATION COMPANIES  
TRANSPORTATION COMPANIES  
DISTRIBUTORS  
SAVINGS AND LOAN COMPANIES  
PUBLIC UTILITIES  
WHOLESALERS  
BANKS  
HOSPITALS  
FEDERAL, STATE AND  
LOCAL GOVERNMENT AGENCIES

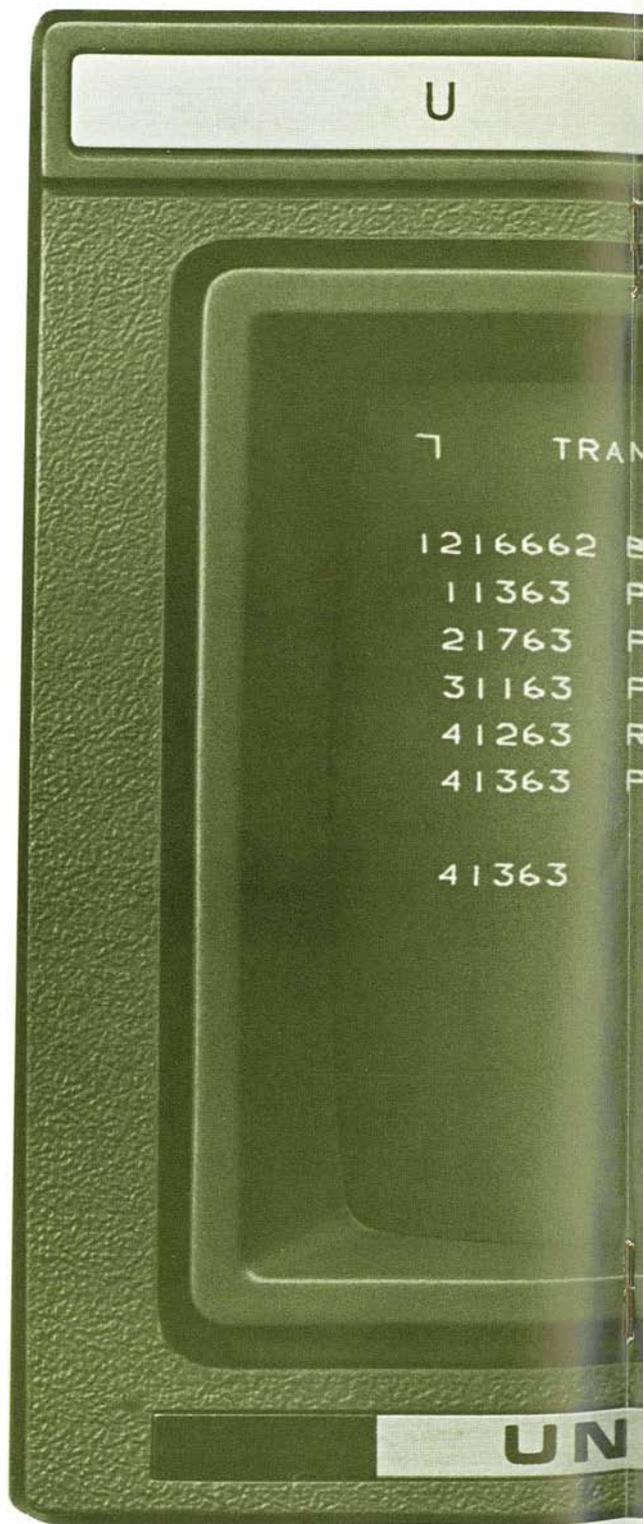
## INSTANT RESULTS DIALOGUE WITH A COMPUTER

**Management Information Systems.** You may want to know how well any one of your products is selling . . . and in what sizes. You may want to know this information by area and by salesman as of this morning, last month, and this month one year ago.

With UNISCOPE terminals connected to a computer, you and other members of the management team can get this information within a few seconds. By the split-screen technique you can compare it to significant related information, such as, sales effectiveness of a newly designed package, or how competitive products are selling in particular geographical areas.

By using a UNISCOPE terminal to also update your computer, the answers you receive and the action you take at 2:30 p.m., for example, may be based on all-inclusive information that is as up-to-the-minute as 2:29 p.m. As a result, you can recognize problems much sooner than by any previous method, and you can quickly revise and more accurately forecast your sales and market trends.

**Money-Saving Inventory Control.** With a UNISCOPE at each of your locations, you can get the "now" facts now on the quantity and location of every item in stock . . . or, the number and type



N I S C O P E

TRANSACTION	LOAN ACCOUNT		RESERVE ACCOUNT	
BALANCES		234134		16891
PAYMENT	1156	4115- 231190	1885	18776
PAYMENT	1141	4115- 2228231	1885	20661
PAYMENT	1171	4115- 225257	1885	22546
R. E. TAX			18043-	4503
PAYMENT	1126	4115- 222268	1885	6388
	4594	222268		6388

SAMUEL S. BENSON  
 1922 MADISON ROAD  
 ANY TOWN, U.S.A.

LOAN NUMBER  
 01-41740-4

IVAC

of personnel, facilities, reserved seats, hotel rooms, etc. available now and at specified future dates.

Orders can be verified and entered immediately. If desired, you can acquire information on substitute items, or immediately initiate action to correct a shortage. Additionally, you can immediately update the overall inventory.

**Prompt Customer Services.** The UNISCOPE can help to significantly improve your service to customers. For example, a salesman can immediately determine if requested items, or their substitutes are available, along with prices, shipping costs, etc., while the customer is still on the phone.

**Dynamic Programmed Instruction.** Besides the normal advantages of programmed instruction—primarily, individualized instruction and each student progressing at his own rate—the UNISCOPE has the added advantages of fast access to, and visualization of, the vast store of information in the computer.

## INFORMATION RETRIEVAL

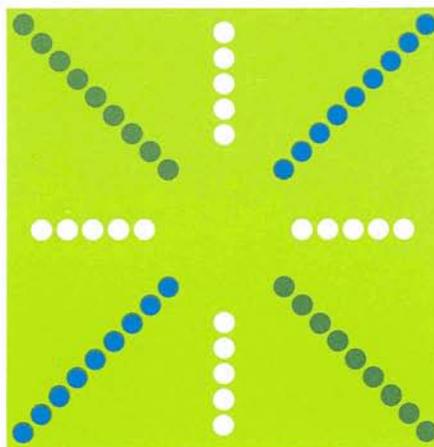
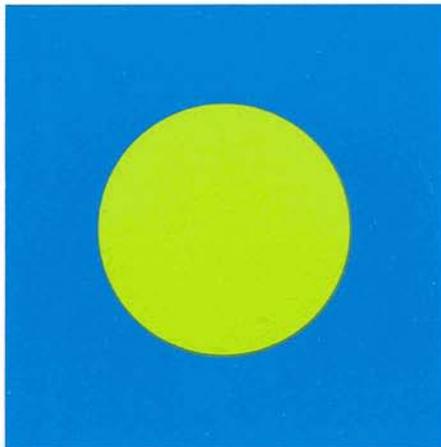
You can use your UNISCOPE to ask the computer to search for, and pinpoint, exactly the information you need and immediately

display it (in roll and scroll fashion, if desired) on one or more UNISCOPE terminals. The displayed information can be derived from numerous sources, such as, stock market quotations, chemical abstracts, personnel or student records, legal precedents and citations, medical data, or economic statistics.

## DIRECT INPUT OF DATA TO COMPUTER

You can eliminate many of the time-consuming and error-prone steps generally associated with keypunching by typing in transaction and other input data directly on your UNISCOPE. Since you see what you type, you can immediately verify and if necessary correct it. The computer will act as a double-check by validating format and other elements associated with input data.

An outstanding use of the UNISCOPE, for example, is to prepare a production report. Fixed information from the computer is displayed on the UNISCOPE. The operator merely fills in the type of job, employee's number, hours worked, and other variable data. The computer then automatically prepares a labor distribution report and associated documents. This same method of direct data input can be used for sales, purchasing, financial statements and other aspects of your business.

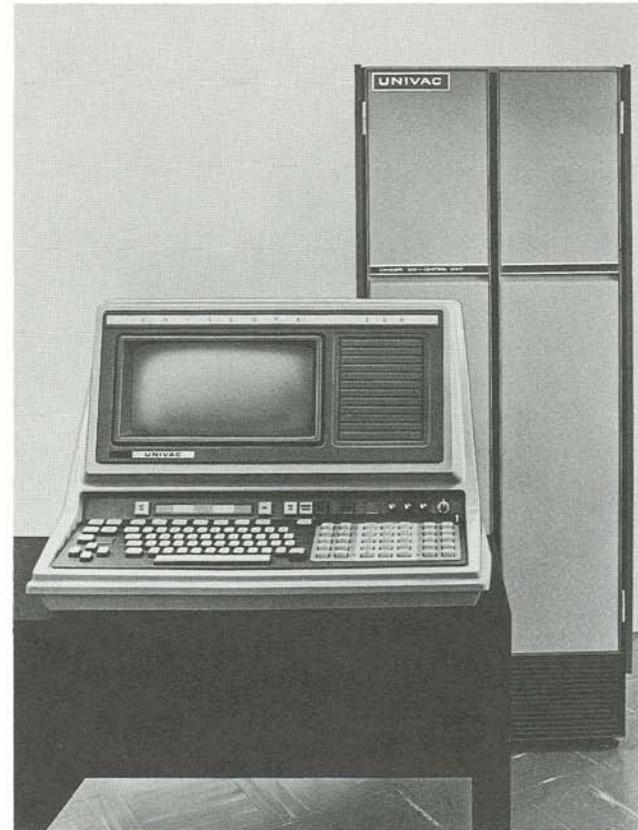


## ACCURATE COMMUNICATION OF INFORMATION

The entire display is flicker-free. All characters are sharp and crisp and closely resemble conventional printed characters. Each one is made up of continuous lines without any separations even at the corners. And, all lines are of equal thickness and brightness.

The size and shape of a character is the same on all parts of the screen. And, spacing between characters and between lines of information is consistently equal. Result: excellent legibility and accurate communication of information at all times . . . no confusion, for example, between the numeral "5" and the character "S", or between the numeral "2" and the character "Z".

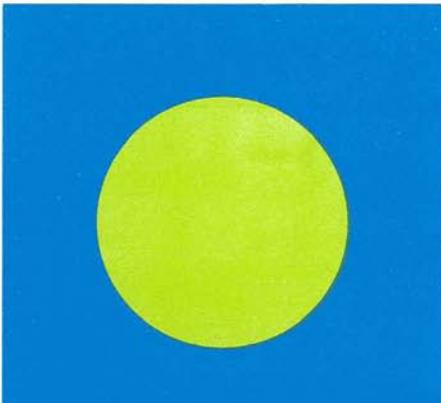
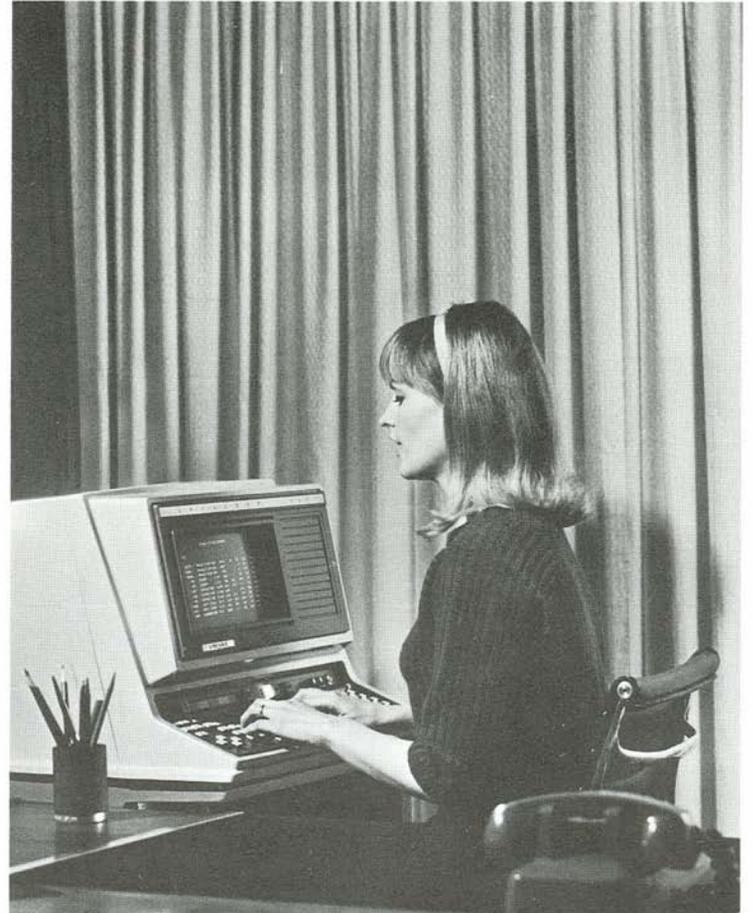
One control unit (rear) controls two to forty-eight 300M terminals.



## EASY TO USE

Extra attention is given to the comfort, morale, and efficiency of the operator. The UNISCOPE is unusually quiet, and pleasing and even fascinating to operate. Extensive tests proved that an experienced operator of an electric typewriter can operate the UNISCOPE at over 80 words per minute for long periods of time.

The high speed reaction of the keys to the touch makes it virtually impossible to lock them or type a double letter. And the editing keys enable the operator to easily make all corrections, at any time, even after completing a full page.

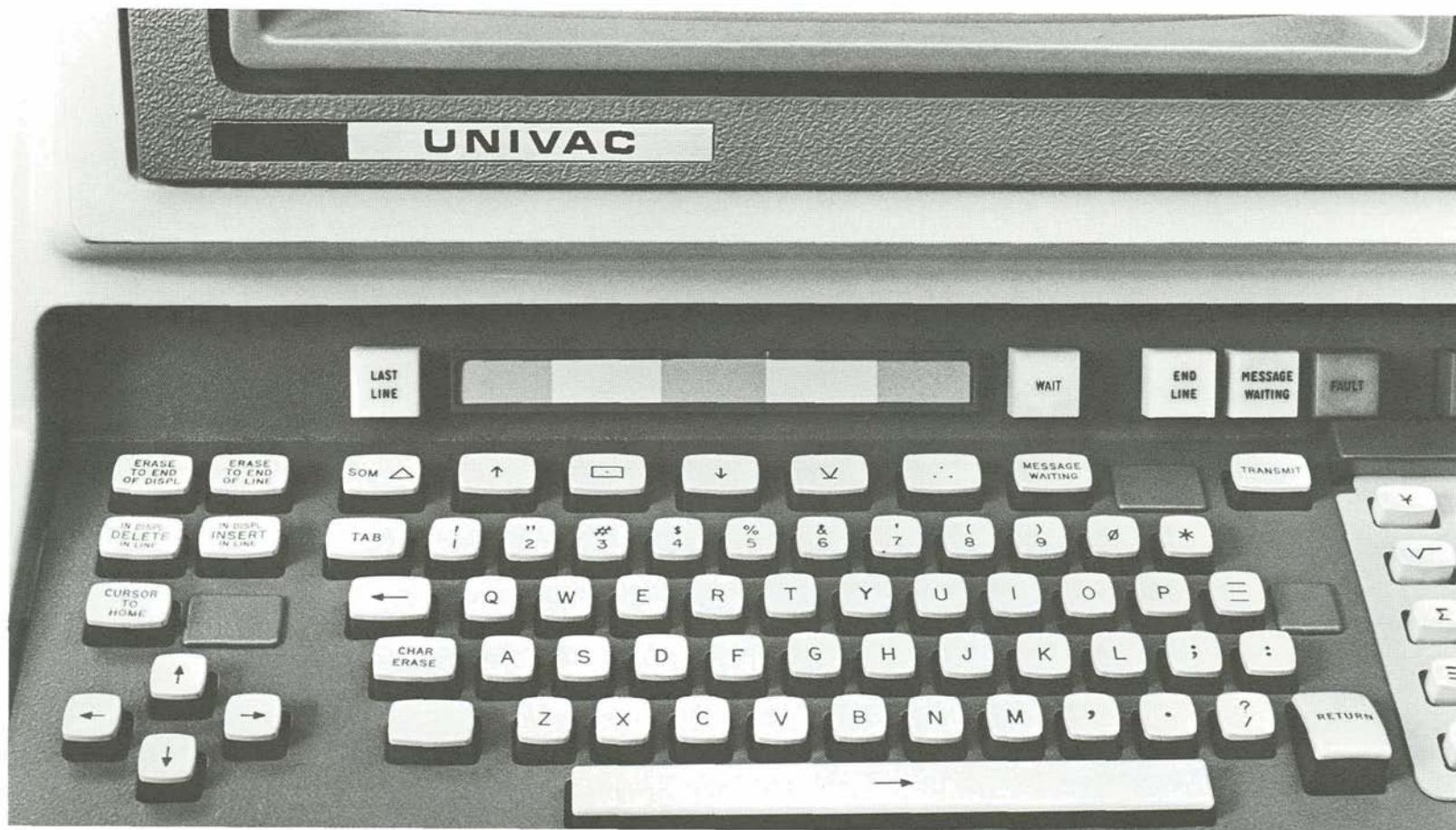


## ECONOMICALLY UTILIZES FULL CAPABILITIES OF COMPUTER

Both versions of the UNISCOPE 300 visual communication terminal were designed as integral devices of a computer communication system. Many of their unique capabilities are based on new concepts for obtaining optimum interaction between computers and associated communications devices, while minimizing telephone line costs. Typical examples are: roll and scroll of information, efficient and economical transmission of useable data only, and use of only one control unit and one telephone line for up to 48 UNISCOPE visual communication terminals.

These concepts were derived from extensive experience in design, production and installation of numerous computer communication systems comprised of UNIVAC medium and large-scale computers and a variety of other UNIVAC computer communication devices. Today, many of these systems are installed, or being installed in large savings banks with many branches, manufacturing organizations, leading domestic and worldwide airlines, and large computer service bureaus.

A contract for a UNIVAC computer communication system for United Air Lines is the largest commercial contract of its type. In this system, several large-scale UNIVAC computers are interconnected to thousands of general purpose UNISCOPE visual communication terminals.



## MORE FEATURES AT NO EXTRA COST

Besides "roll and scroll" and "split screen", the UNISCOPE 300 includes more features, at no extra cost, than any other visual communication terminal.

### TRANSMISSION OF ONLY USEFUL DATA

Only characters and significant spaces are transmitted . . . you pay only for transmission of useful data.

### SIMULTANEOUS BROADCAST TO ALL STATIONS

Data displayed on a particular UNISCOPE terminal can be simultaneously broadcasted to all of your other UNISCOPE terminals.

### INTERLEAVING OF MESSAGES

Messages to and from UNISCOPE terminals are interleaved so that there is no waiting due to one or more UNISCOPE terminals receiving lengthy replies. By this technique you most economically utilize the computer and the telephone lines.

### BLINKING OF MESSAGE SEGMENTS

Portions of replies of special interest will blink on and off.

### INSERTION AND DELETION OF LINES

Any line can be deleted and all information below it moved up. Correspondingly, copy can be spread apart so that a new line can be inserted.

### UNSOLICITED MESSAGES

Important information from the computer can override a message being typed or displayed. Or a special message can indicate to the operator that important information is waiting.

### TABULAR FORMAT

Data can be typed in columnar or random tabular format. This technique can be used for filling in data on form outlines supplied by the computer.

## OPTIONS

Any time after installation, you may add the following options:

### CHOICE OF MULTI-STATIONS

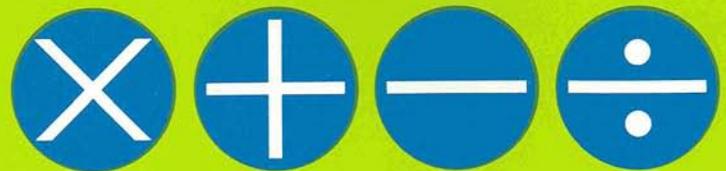
Two types: one available in a system of two to 24 terminals, each with full-screen display; the other with two to 48 terminals, each with half-screen display. You can easily expand to hundreds or even thousands of UNISCOPE terminals by adding one control unit (and one telephone-line interconnecting unit) for each group of 24 or 48.

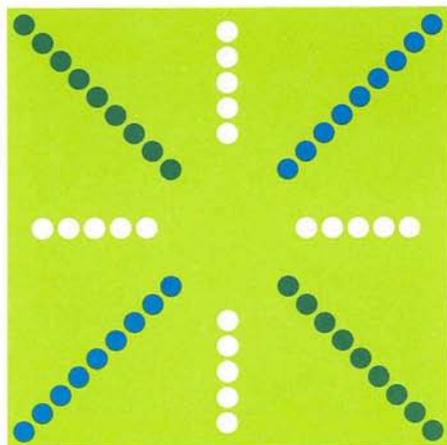
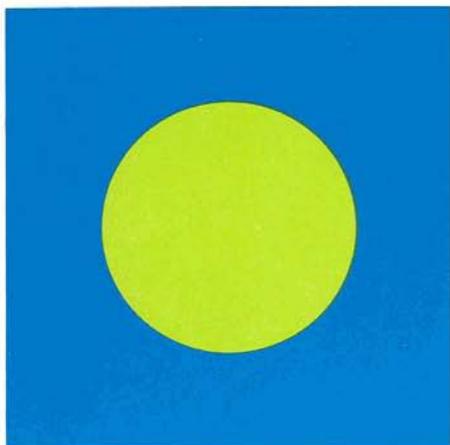
### SIMULTANEOUS DUAL TRANSMISSION

In a large busy system, by adding a telephone line (and associated interconnecting unit) you can further increase the system's response time by either transmitting, or receiving, or transmitting and receiving on two UNISCOPE terminals at exactly the same time. Or you can use one telephone line for normal traffic and the other for standby.

### OVER 4000 POSSIBLE FUNCTIONS

You can add up to 40 function keys to perform specialized functions and increase the speed of interaction with the computer. The symbol on each of these keys can stand for a query or for any purpose you designate. A group, for example, may be used as an adding machine. You can have a choice of over 4000 possible functions by selecting from up to 122 different overlays for placement above 35 of these keys.



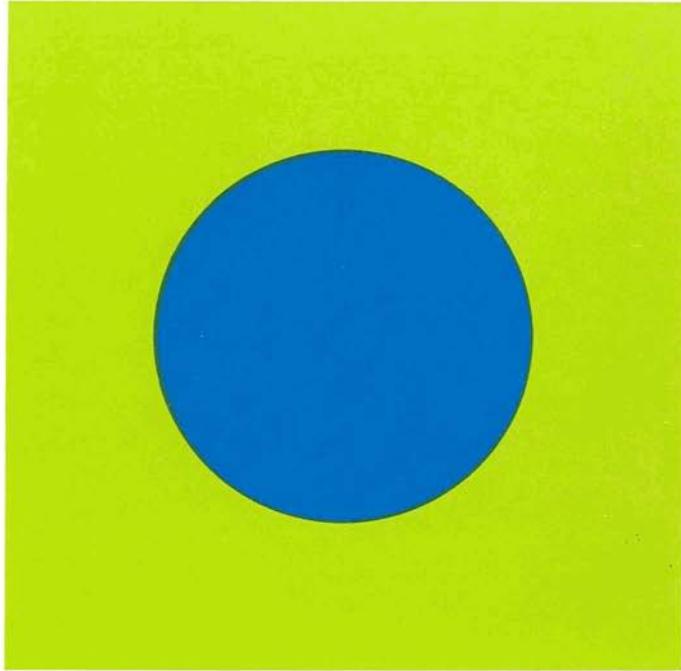


*See the now facts . . . now with a UNISCOPE 300. Contact your Univac representative.*

12 OR MORE  
STN.  
28K  
INCL. CONT.

UP TO 48/K  
512 DISKETS  
24-1024 CIPHER/SZ.

V'D60 - color  
Thomas 7/23/83



**UNIVAC**

DIVISION OF SPERRY RAND CORPORATION