

*National's* **COMPU-TRONIC\***

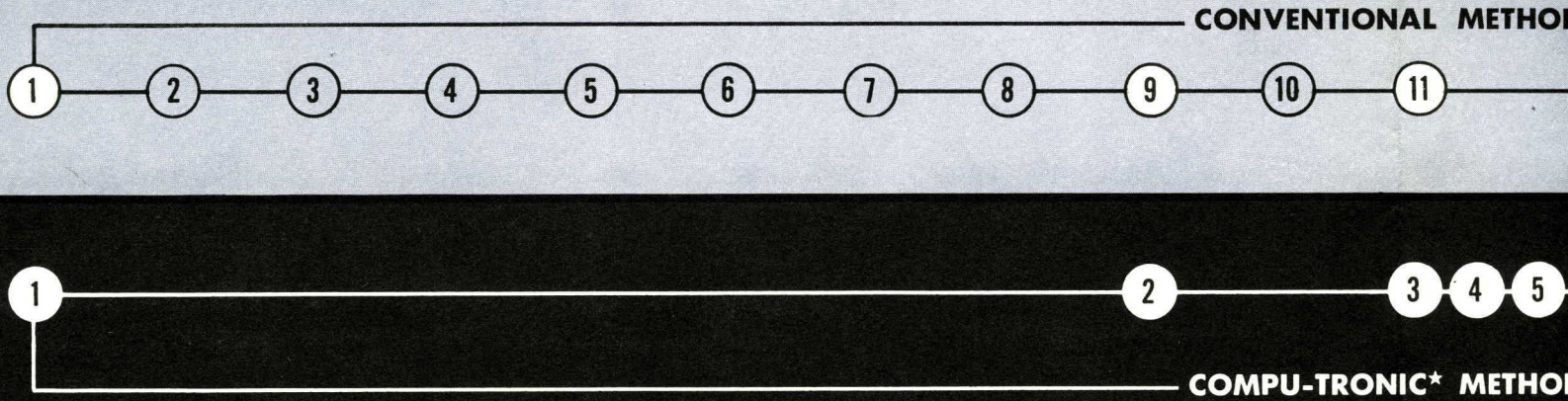
**MULTIPLIES PAYROLL ACCOUNTING VERSATILITY**

**A Flow Chart Supplement to S.P. 1441**

**"From Clock Card to Final Reports VIA COMPU-TRONIC"**

Trademark★

# PAYROLL PROCES



## PAYROLL PREPARATION

### CONVENTIONAL

- 1 Determine employee's total regular and premium hours—record on clock card or payroll work sheet.
- 2 Enter employee's rate in a calculator.
- 3 Enter employee's regular hours in a calculator.
- 4 Calculate employee's regular earnings.
- 5 Record regular earnings on clock card or payroll work sheet.
- 6 Enter employee's premium hours in a calculator.
- 7 Calculate employee's premium earnings.
- 8 Record premium earnings on clock card or payroll work sheet.
- 9 Prepare add-list of hours to establish payroll control.
- 10 Prepare add-list of earnings to establish payroll control.

### COMPU-TRONIC\*

- 1
- 2

608 16 9090  
R. T. WOODWARD  
4538

NAME & CHECK NUMBER							
1	Σ700	Σ659	Σ627	Σ700	Σ627	Σ700	
2							
3							
4							
5	Σ1101	Σ1100	Σ1102	Σ1101	Σ1100	Σ1102	
6	Σ1157	Σ1155	Σ1159	Σ1156	Σ1157		
7							
8							
9							
10	Σ482	Σ481	Σ482	Σ481	Σ483		
11							
12							
13							
14							
15							
16							
Daily Totals	1st DAY 8.	2nd DAY 8.	3rd DAY 8.	4th DAY 8.	5th DAY 8.	6th DAY 4.2	7th DAY 44.2

F 3018-10-10-50 The N.C.R. Co.

- denotes manual operation eliminated by National's COMPU-TRONIC\*
- \* denotes automatic operations
- ⚡ denotes electronic calculation

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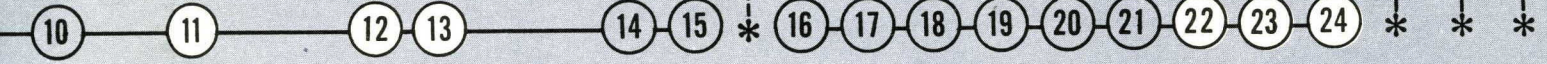
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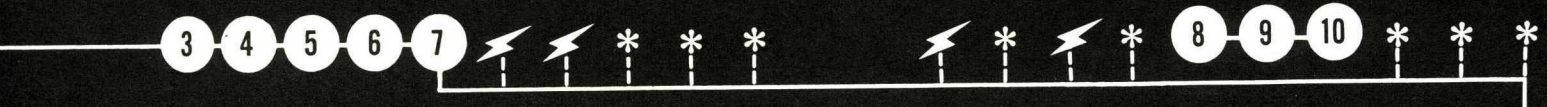
## REDUCES MANUAL OPERATIONS BY

# PAYROLL PROCESSING

## CONVENTIONAL METHOD



## COMPU-TRONIC\* METHOD



### PAYROLL WRITING

#### Advantages

**Simplifies** pre-payroll and payroll writing operations... reduces operation decisions... promotes speed, efficiency, and economy.

**Eliminates** 58 1/3% of the time consuming and costly operations found in conventional systems... shortens the time required to perform pre-payroll and payroll writing operations.

**Eliminates** delays caused by:  
 numerous pre-listing operations  
 transposition of amounts  
 incorrect reading of calculator dials  
 incorrect reading of charts  
 erroneous mental calculations

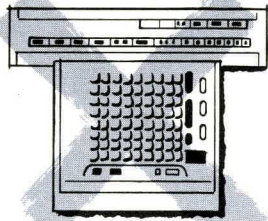
**Provides** accurate updated records... facilitates quarterly reporting and year end W-2 processing.

#### CONVENTIONAL

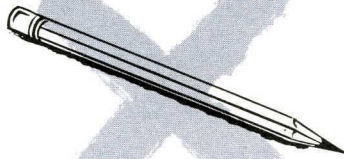
#### COMPU-TRONIC\*

11	Pick up employee's previous updated balances.	3
	Post employee's rate to payroll records.	4
	Post employee's dependency status to payroll records.	5
12	Post regular hours to payroll records.	6
13	Post premium hours to payroll records.	7
	Calculate regular earnings.	⚡
	Calculate premium earnings.	⚡
14	Post regular earnings to payroll records.	*
15	Post premium earnings to payroll records.	*
*	Post "period ending date" and gross earnings to payroll records.	*
16	Make mental notation of dependency status.	
17	Make mental notation of over/under \$4,200 status.	
18	Select proper amount on tax chart.	⚡
19	Post combined tax deduction to payroll records.	*
20	Calculate state and/or city tax deduction.	⚡
21	Post state and/or city tax to payroll records.	*
22	Post insurance deduction to payroll records.	8
23	Post miscellaneous deduction to payroll records.	9
24	Type employee's name.	10
*	Enter date and check number.	*
*	Enter net amount of check.	*
*	Update proper balances.	*

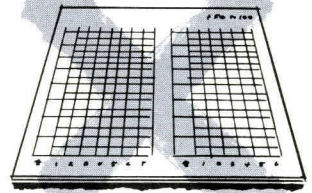
OPERATIONS BY 58 1/3%



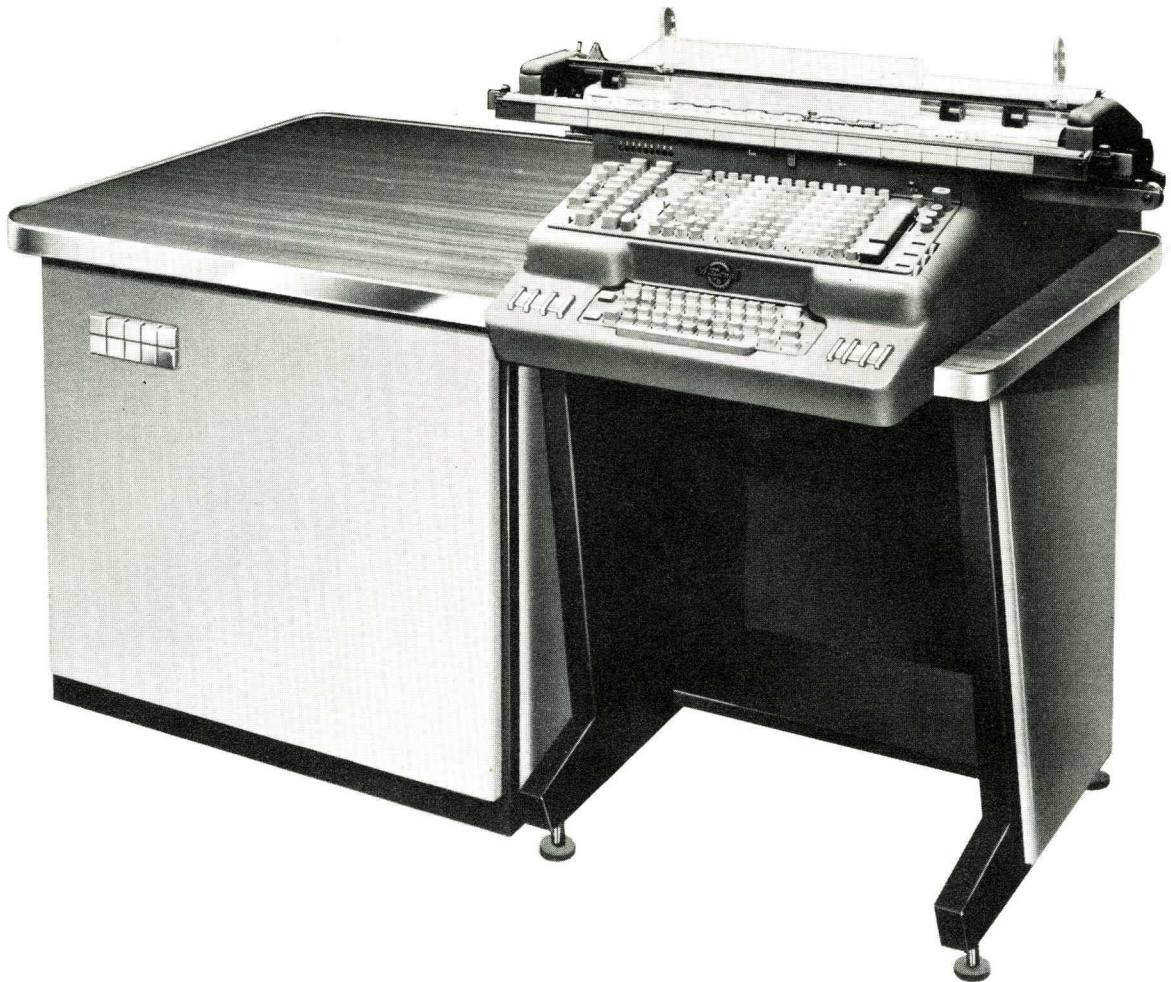
CALCULATOR



PENCIL



TAX CHART



*National's* **COMPU-TRONIC\***

## OTHER APPLICATIONS

Daily Wage Accrual  
Labor Distribution  
Inventory Accounting  
Budgetary Accounting  
Billing  
Accounts Payable

Mortgage Accounting  
Share Accounting  
Dividend Accounting  
Royalty Accounting  
Commission Records  
Cost Accounting

General Accounting  
Accounts Receivable  
Property Accounting  
Savings Accounting  
Revenue Accounting  
Trust Accounting

# *National's* **COMPU-TRONIC\***

*was designed for businesses large and small:*

Manufacturers

Financial Institutions

Co-operatives

Brokers

Dealers

Government

Construction

Clinics

Processors

Retailers

Wholesalers

Distributors

Lumbering

Insurance

Publishing and Printing

Utilities

Hospitals

Hotels

Mining

Importers & Exporters

etc.

National's Compu-Tronic is specifically designed with accounting in mind. Its many distinctive features *Multiply* the flexibility which has won for The National Cash Register Company the distinction of being known as the manufacturer of "The World's Most Versatile Accounting Machines."

- \* **Electronic Computation** may be program or manually controlled... separate Program Bar provides complete control over Factor Selection, Calculation, and Reading of Product... keyboard controls permit calculation independent of program control.

#### \* Complete Alpha-Numeric Facility

**Full Numeric Keyboard** invites speed and accuracy without need for specialized training...

**Electric "Alpha-Keyboard"**—essential for complete accounting—provides full description facilities without duplication of effort or need for auxiliary equipment.

- \* **Electronic Speed** permits "split-second" calculations without restricting or reducing the efficiency of the basic accounting functions.

#### \* Complete Variable Program Controls

**Removable Program Bars** provide complete flexibility... permit mechanization of all accounting records—compatible with full automation...

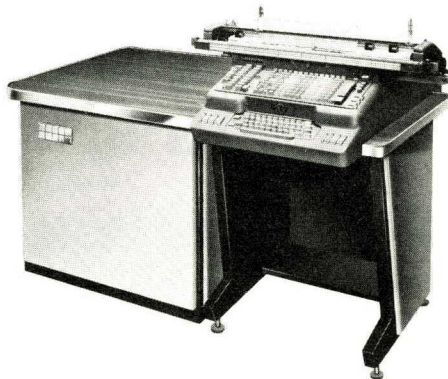
**Instant Simultaneous Access** to all memory units (totals), and electronic commands provides flexible input, computation, and readout ability.

- \* **Electronic Self-Checking Feature** automatically proves product calculation, assures greater accuracy, promotes efficiency, and increases the reliability of accounting information.

#### \* Complete Direct "Single Key" Reverse Entry Control

**Instant Memory Unit Reversal** provides fast, accurate correction of erroneous postings and reversal of accounting entries... ALL WITHOUT HAVING TO DETERMINE WHICH MEMORY UNITS ARE TO BE AFFECTED...

**Simultaneous Reverse Entry Symbol** provides definite identification of all reverse entries.



- \* **Electronic Interrogation** of memory units provides the ability to automatically transfer amounts from the left side of a memory (or numeric keyboard) to the right side of a memory... permits programmed introduction of a series of factors, variable or constant... increases the versatility of accounting functions.

#### \* Complete Automatic Memory Unit Readout

**Automatic Positive, and Negative Balances** provide speed and accuracy without thought or effort by the operator...

**Automatic Accumulated Memory Readout** establishes definite control over report totals...

**Electronic Memory** permits automatic multiple calculations to be made involving constant factors.

- \* **Electronic Erasure of Factors**—introduction of new factor automatically erases previous factor—eliminates need for separate clearing operation... provides speed and accuracy... contributes to accounting economy.

#### \* Complete Visibility

**Full Visibility** of previous entries and posting area contributes to neatness... simplifies record insertion, and encourages more accurate alignment...

**Visible Program Index** permits prompt verification of program selection... guards against improper entries being made to accounting records..

**Positive Visible Index Pointers**—designating where alphabetic and numeric printing will occur—simplify operator training and encourage more accurate column selection.

- \* **Electronic Decimal Pointoff** provides correct punctuation with automatic "round-off" of the product.

These and other features—fluid drive carriage, split platen, activity counters, variable dates, automatic carriage opening and closing, etc.—provide the posting *speed, efficiency, dependability, and accuracy* for which "The World's Most Versatile Accounting Machines" have been acclaimed.

**THE NATIONAL CASH REGISTER COMPANY**

Dayton 9, Ohio

World-Wide Service

Consultation • Installation • Service • Supplies