

MONROE CALCULATORS

	54-M-16206
	54-M-16228
Item Numbers	54-M-16232
	54-M-16236
	54-M-24200-100
	54-M-24200-160

ADDING MACHINES

ACCOUNTING and
POSTING MACHINES

INTEGRATED
DATA PROCESSING

REPAIR and MAINTENANCE
RENTALS

DUPLEX

Monro-Matic

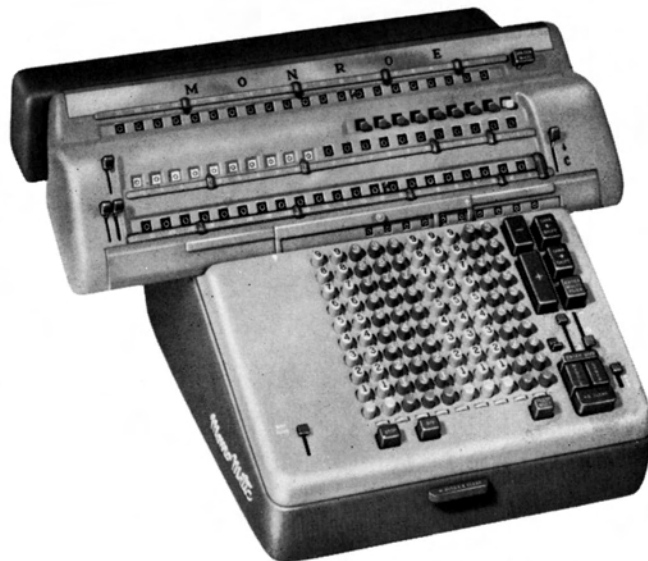
Summary of Features Single keyboard entry of all factors for all operations with automatic zeros and automatic decimals. Functional-color operating controls. Fully automatic multiplication with automatic dials clearance; automatic 3-factor multiplication; automatic negative multiplication; automatic accumulative multiplication; automatic multiplication with constant; automatic squaring; automatic transfer of amounts from lower dials to multiplier dials. Fully automatic division, selective in either lower result dials or accumulating dials; automatic dividend alignment; automatic carriage control at tab stop for dividend entry; automatic dividend entry with automatic dials clearance and shifting; automatic middle regis-

ter dials reversing lever with lock. Automatic carriage position control; automatic shifting to "1" position, clearing of dials and keyboard. Automatic non-repeat control; automatic keyboard control for multiplication and division; single cycle addition and subtraction. Series 3 double set of middle register dials (left-hand for individual amounts and right-hand for accumulating amounts); lock for right register dials. Split lower dials with lock for each section; automatic half-cent adjustment in lower dials. Duplex accumulating result dials with control for positive or negative operation or storage of amounts; split with lock; automatic half-cent adjustment. Full carry-over to twenty places in both accumulating and lower result dials.

Item No. 54-M-16236

<i>Sub Item</i>	<i>Monroe Model</i>	<i>Price each</i>	<i>Excise Tax</i>	<i>Price with Tax</i>
(b)	88N-213 Capacity: keyboard 10 columns; upper dials 11 places; lower dials 21 places; accumulating dials 21 places.....	\$1290.00.....	\$77.40.....	\$1367.40
(b)	66N-213 Capacity, same. All features of the above except automatic 3-factor multiplication, automatic accumulative multiplication, automatic negative multiplication, automatic division in accumulating dials, and complete carry-over in lower dials.....	1075.00.....	64.50.....	1139.50

Like every Monroe the Duplex has a single keyboard, an engineering design pioneered and perfected by Monroe. The single keyboard principle calls for fewer decisions by the operator, cuts down hand motions, saves up to 30% key setting by eliminating the setting of zeros, makes decimals automatic.

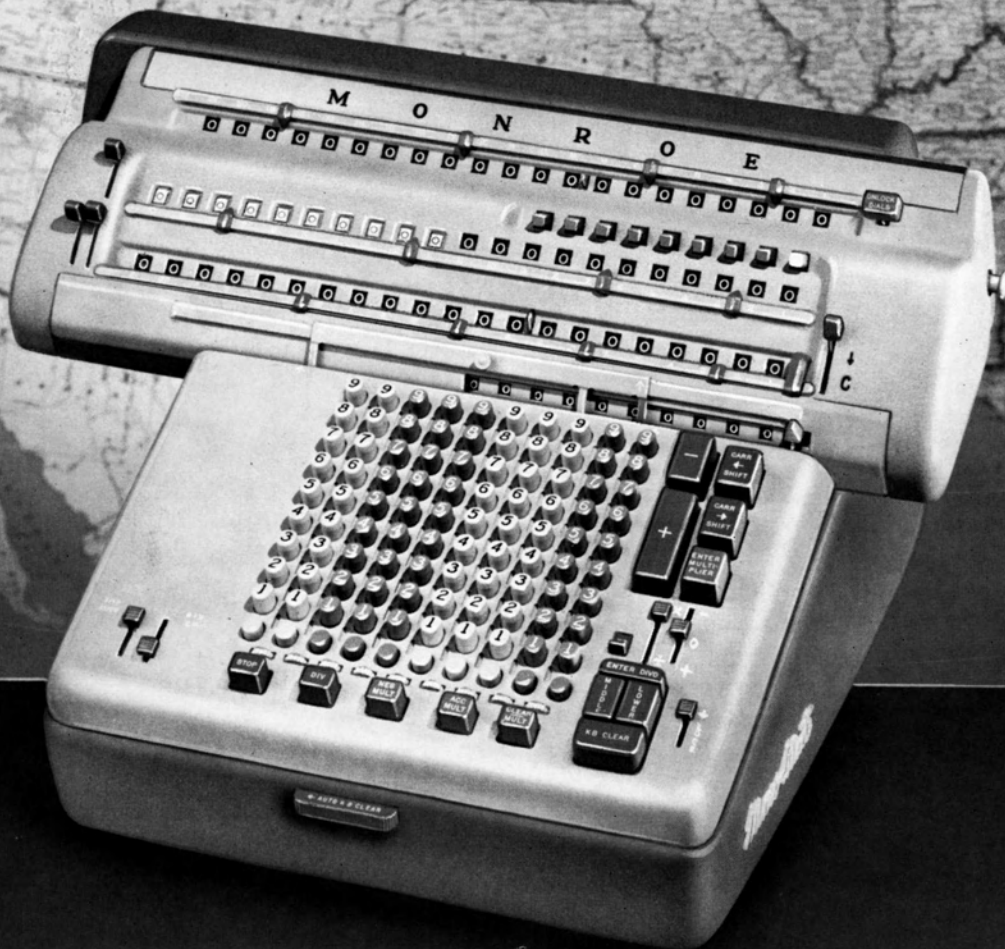


Model 66N-213 ▲

Model 88N-213 ►

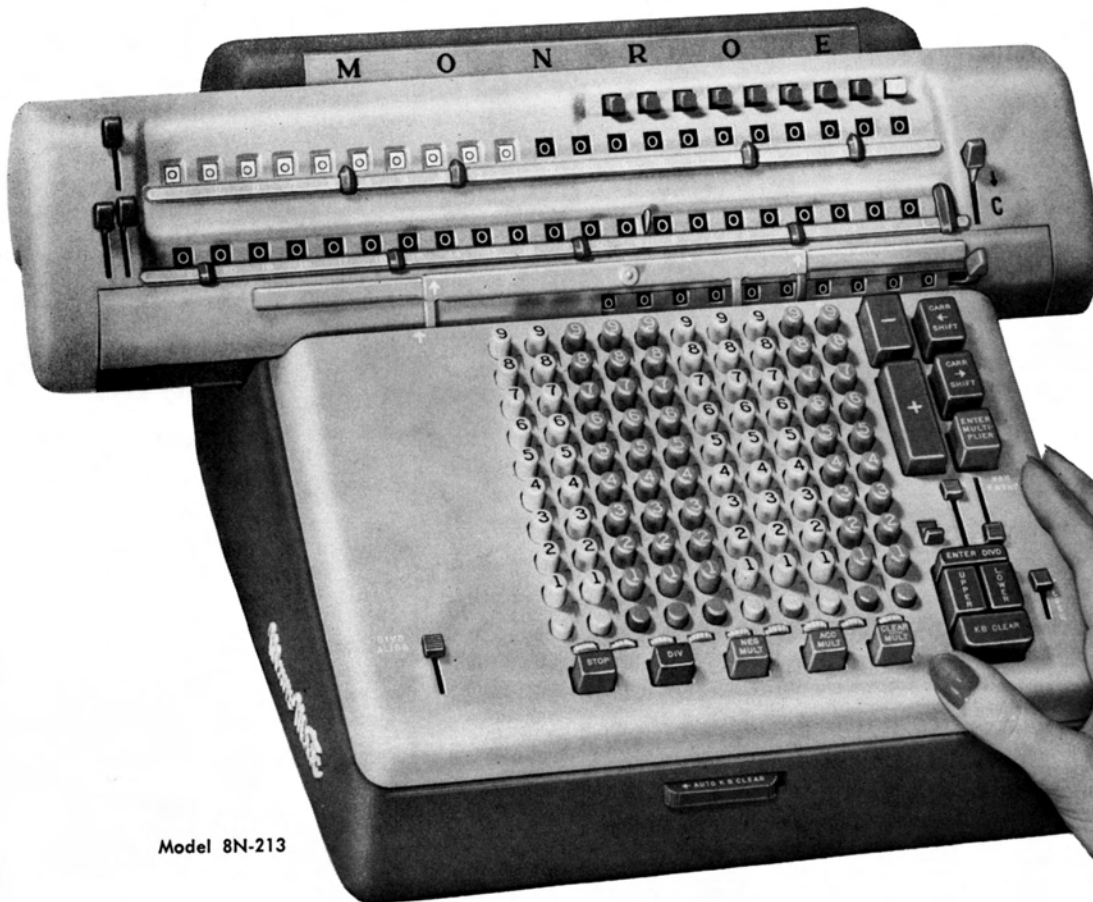
America's most automatic calculator

No other calculator is so completely automatic. The Monro-Matic Duplex delivers more answers faster and with less effort because it adds as it multiplies, adds as it divides, and stores results in a special set of accumulating dials. Without recapping, without rehandling, figures originate as automatic by-products of the regular work and are ready when needed. With a Duplex, all the operator does is enter keyboard amounts, select controls, and read answers — truly the ultimate in figuring automation.



Model 8N

Monro-Matic



Model 8N-213

This compact, convenient calculator with its automation reduces figure work to feeding figures, pushing buttons. The model 8N Monro-Matic responds instantly to a light touch, controls itself. It gives split-second answers to every kind of figuring problem from the very simplest to the most complex. When multiplying or dividing, the operator does one problem right after another, both keyboard and dials clear automatically the instant the next one is started. With only a single setting of the number on the keyboard, squaring is automatic.

brings Automation to the desktop

Summary of Features Single keyboard entry of all factors for all operations with automatic zeros and automatic decimals. Functional-color operating controls. Fully automatic multiplication with automatic dials clearance; automatic 3-factor multiplication; automatic negative multiplication; automatic accumulative multiplication; automatic multiplication with constant; automatic squaring; automatic transfer of amounts from lower dials to multiplier dials; non-entry multiplier control. Fully automatic division; automatic dividend alignment; automatic carriage control at tab stop for dividend entry; automatic dividend entry with automatic dials clearance and shifting; automatic register dials reversing lever with lock. Automatic carriage position control; automatic shifting to "1" position, clearing of dials and keyboard. Automatic non-repeat control; automatic keyboard control for multiplication and division; single cycle addition and subtraction. Series 3 double set of register dials (left-hand for individual amounts and right-hand for accumulating amounts); lock for right register dials. Split lower dials with lock for each section; automatic half-cent adjustment in lower dials. Carry-over to twenty places in result dials.



Automatic 3-factor multiplication is another Monroe exclusive. By a mere flick of the transfer control, results are picked up from the dials for further calculating. Without copying to the keyboard the figures are transferred automatically and correctly decimalized.

Item No. 54-M-16236

Sub Item	Monroe Model	Price each	Excise Tax	Price with Tax
(b)	8N-213 Capacity: keyboard 10 columns; upper dials 11 places; lower dials 21 places.....	\$ 850.00	\$51.00	\$ 901.00
(b)	8N-1-213 Statistical Capacity, same. Additional features: squaring lock; multiplication operation counting meter.....	980.00	58.80	1038.80



Statistical Model 8N-1-213 is by far the best desk calculator for the researcher whose field of work calls for figures in large volume that must be turned out with least expenditure of time and effort and with dependable accuracy. Developed to the specifications of statisticians and technicians for standard deviation, method of least squares, linear correlation, averages, it has become an essential tool in economics, psychology, social studies, agronomy.

Model 6N

Monro-Matic

The budget-minded administrator with an ever-mounting mass of figure work can have all the advantages of fully automatic calculating at moderate cost. The Monroe 6N offers the kind of automatic features that save time and effort on all the daily routine jobs—inventory, averaging, costing, percentages, reports, analyses—as well as more complicated and technical computations.

Operators who know prefer Monroe. They like the "Velvet Touch" featherlight key action. Another important factor that contributes to the Monroe's effortless operation is the carefully designed arrangement of the keyboard that places every control right under the hand-span so there is no reaching or extra hand travel. The controls have functional colors—green for multiplication, red for division—making it easy to learn, easy to use.



Item No. 54-M-16228

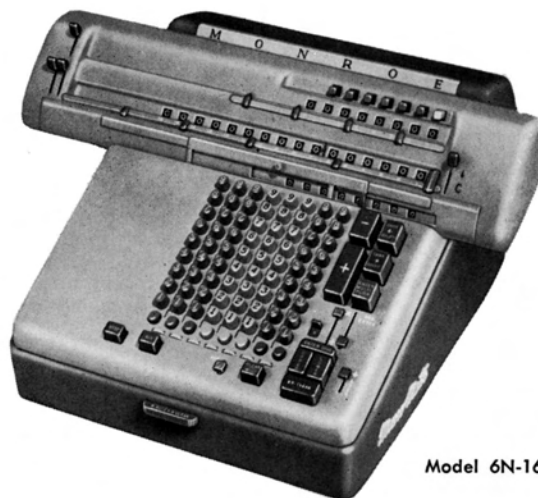
Sub Item	Monroe Model		Price each	Excise Tax	Price with Tax
(a)	6N-162	Capacity: keyboard 8 columns; upper dials 8 places; lower dials 16 places.....	\$ 685.00.....	\$41.10.....	\$ 726.10
(b)	6N-212	Capacity: keyboard 10 columns; upper dials 11 places; lower dials 21 places.....	745.00.....	44.70.....	789.70

lightning-fast automatic figuring



Model 6N-212

Summary of Features Single keyboard entry of all factors for all operations with automatic zeros and automatic decimals. Functional-color operating controls. Fully automatic multiplication with automatic dials clearance; automatic accumulative multiplication; automatic multiplication with constant; automatic squaring; non-entry multiplier control. Fully automatic division; automatic carriage control at tab stop for dividend entry; automatic dividend entry with automatic dials clearance and shifting; automatic register dials reversing lever with lock. Automatic carriage position control; automatic shifting to "1" position, clearing of dials and keyboard. Automatic non-repeat control; automatic keyboard control for multiplication and division; single cycle addition and subtraction. Single set of register dials with tens-carry mechanism for registering true figures and accumulating; lock for register dials. Split lower dials with lock for each section; automatic half-cent adjustment in lower dials.



Model 6N-162

MONROE
CSA

most compact automatic



Model CSA-10

Summary of Features Single keyboard entry of all factors for all operations with automatic zeros and automatic decimals. Functional-color operating controls. Fully automatic multiplication with automatic dials clearance; automatic accumulative multiplication; automatic multiplication with constant; automatic squaring; non-entry multiplier control. Fully automatic division; automatic carriage control at tab stop for dividend entry; automatic dividend entry with auto-

matic dials clearance and shifting; automatic register dials reversing lever with lock. Automatic carriage position control; automatic shifting to "1" position, clearing of dials and keyboard. Automatic non-repeat control; single cycle for both addition and subtraction. Single set of register dials with tens-carry mechanism for registering true figures and accumulating; lock for the register dials. Split lower dials with lock; automatic half-cent adjustment in the lower result dials.

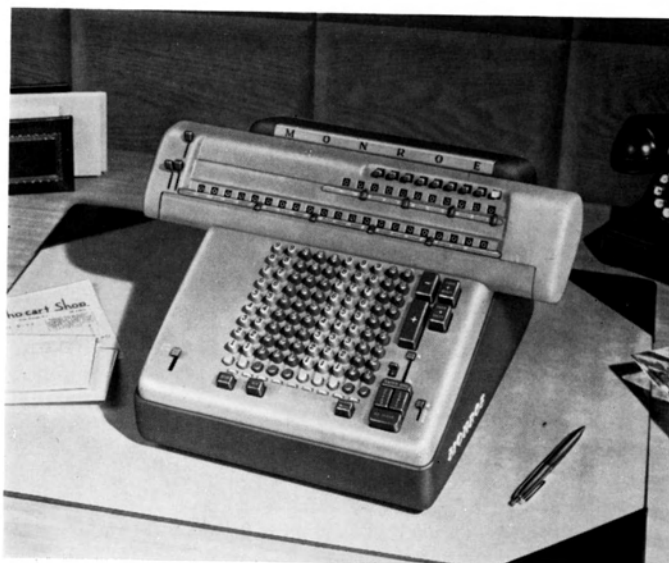
Item No. 54-M-16228

Sub Item	Monroe Model	Price each	Excise Tax	Price with Tax
(a)	CSA-8 Capacity: keyboard 8 columns; upper dials 8 places; lower dials 16 places.....	\$ 665.00.....	\$39.90.....	\$ 704.90
(b)	CSA-10 Capacity: keyboard 10 columns; upper dials 10 places; lower dials 20 places.....	725.00.....	43.50.....	768.50

Models 4N-4 and CS / *low cost, all-purpose calculators*

These general utility, low cost calculators are ideal for departments and offices where the amount of work does not call for all the refinements and features of the Monro-Matic models. Yet they are truly automatic. The CSA has both fully automatic multiplication and division. Division is also fully automatic on the 4N-4 and CS machines which have carry-over dials for electric short-cut multiplication.

Model 4N-4-212



Summary of Features Fully automatic division; automatic dividend alignment; automatic carriage control at tab stop for dividend entry; automatic dividend entry with automatic dials clearance and shifting; automatic register dials reversing lever with lock. Electric dials clearance; electric carriage shift. Automatic shifting to "1" position, clearing of dials and keyboard. Automatic non-repeat control; single cycle addition and subtraction. Single set of register dials with tens-carry mechanism for registering true figures and accumulating; lock for register dials. Split lower dials with lock for each section.

Model CS-8



Item No. 54-M-16232

Sub Item	Monroe Model	Price each	Excise Tax	Price with Tax
(a)	4N-4-162 Capacity: keyboard 8 columns; upper dials 8 places; lower dials 16 places.....	\$ 525.00	\$31.50	\$ 556.50
(b)	4N-4-212 Capacity: keyboard 10 columns; upper dials 11 places; lower dials 21 places.....	595.00	35.70	630.70
(a)	CS-8 Capacity: keyboard 8 columns; upper dials 8 places; lower dials 16 places. All features of the above except automatic dividend alignment, tab stops for automatic dividend entry and positioning of carriage, lock for left-hand lower dials split.....	475.00	28.50	503.50

**Model
LA-7**

smallest full keyboard calculator



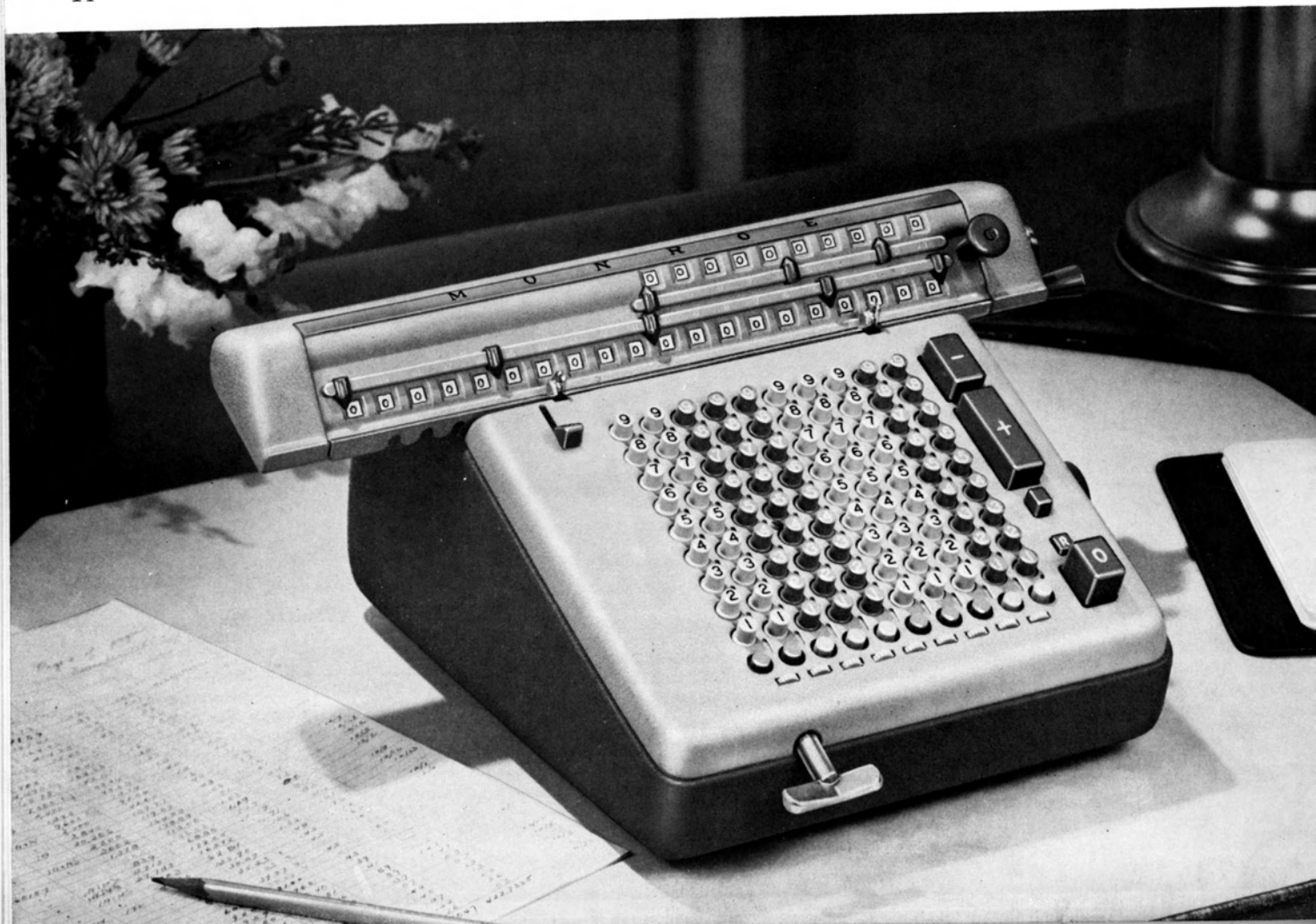
Model LA 7-160

The letterhead size of the LA-7 is especially welcome wherever desk-space is at a premium. Its fast, quiet action cannot disturb the most crowded office. Excellent as a supplementary machine which anyone can turn to because its operation is so much like paper and pencil arithmetic. Ruggedly built to last, yet lightweight enough for a girl to carry. Electric with automatic division, it also can be used manually.

Summary of Features Electric, convertible to manual operation. Fully automatic division. Repeat and non-repeat keys; zero clear key for each column; master clear key for entire keyboard. Single set of register dials. One-hand dials clear-out crank. Decimal markers on keyboard and dials.

Item No. 54-M-16232

Sub Item	Monroe Model		Price each	Excise Tax	Price with Tax
(a)	LA 7-160	Capacity: keyboard 8 columns; upper dials 8 places; lower dials 16 places.....	\$ 385.00	\$23.10	\$ 408.10
(b)	LA 7-200	Capacity: keyboard 10 columns; upper dials 10 places; lower dials 20 places.....	445.00	26.70	471.70



**MONROE
EXECUTIVE**

the personal figuring machine

The bantamweight Executive is a personal, junior-size calculator especially popular with accountants, engineers, and technical personnel. Lighter than a portable typewriter, it serves as a handy, mechanical scratch-pad for any and all figuring — out in the field, while traveling, at home, even in an office if speed and volume production are not essential.

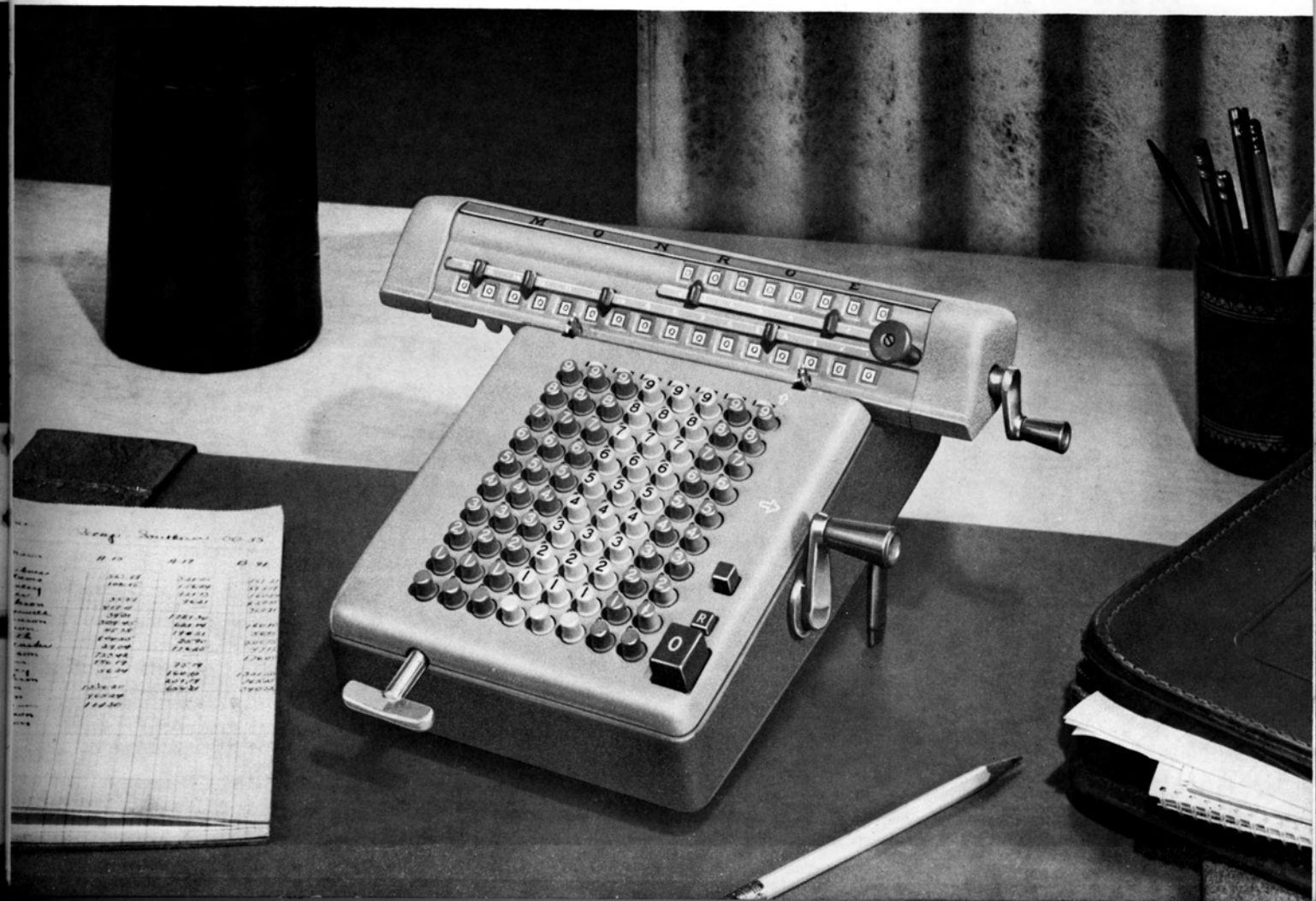
Summary of Features Manual operation. Repeat and non-repeat keys; zero clear key for each column; master clear key for entire keyboard. Single set of register dials. One-hand dials clear-out crank. Decimal markers on keyboard and dials.



Item No. 54-M-16206

Sub Item	Monroe Model	Price each	Excise Tax	Price with Tax
(a)	LN 160-X Capacity: keyboard 8 columns; upper dials 8 places; lower dials 16 places. Folding high legs. Furnished with carrying case.....	\$ 275.00	\$16.50	\$ 291.50
(b)	LN 200 Capacity: keyboard 10 columns; upper dials 10 places; lower dials 20 places.....	350.00	21.00	371.00

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ADDING MACHINES

POSTING MACHINES

DATA PROCESSING

RENTALS

Attachments and Special Features

Monroe Calculators

Where construction will permit any of the following special features may be added or deleted at the price indicated. Quotations on other features not listed will be furnished upon request.

Item No. 54-M-24200-100

Description	Feature No.	Price each	Excise Tax	Price with Tax
Accumulative multiplication key.....	60.....	\$ 25.00.....	\$1.50.....	\$ 26.50
Bell	50.....	15.00.....	.90.....	15.90
Counting meter, for operations count from all multiplier keys.....	46.....	85.00.....	5.10.....	90.10
Dials, Series 3	20.....	25.00.....	1.50.....	26.50
Electromagnetic interference eliminator (Navy specifications).....	43.....	25.00.....	1.50.....	26.50
Half-cent dial	39.....	15.00.....	.90.....	15.90
Lower dial, twenty-first	45.....	25.00.....	1.50.....	26.50
Lower dials, split to accumulate at left of split, in position other than standard.....	23.....	25.00.....	1.50.....	26.50
Lower dials split (two or more).....	48.....	25.00.....	1.50.....	26.50
Negative multiplication key	54.....	25.00.....	1.50.....	26.50
Non-entry control (Model 66N).....	63.....	25.00.....	1.50.....	26.50
Squaring mechanism with on and off lever.....	47.....	50.00.....	3.00.....	53.00
Transfer mechanism from 19th lower dial.....	52.....	10.00.....	.60.....	10.60
Upper dial, eleventh	44.....	25.00.....	1.50.....	26.50

Carrying Cases

For Model LN 160-X.....	1nx.....	10.00.....	1.00.....	11.00
For Model L 160-X.....	1.....	10.00.....	1.00.....	11.00
For Models LA 5-160 and LA 160-X.....	2.....	15.00.....	1.50.....	16.50
For Models LA 5-200, L 200-X, LA 200-X.....	3.....	16.00.....	1.60.....	17.60
For Models CST-8, CST-10, CSA-8, CSA-10, CAA-8, CAA-10.....	10.....	22.50.....	2.25.....	24.75
For Models LN 160 and LA 7-160.....	14.....	17.50.....	1.75.....	19.25
For Models LN 200 and LA 7-200.....	15.....	18.00.....	1.80.....	19.80
For Models 8N-213, 6N-162, 6N-212.....	17.....	36.00.....	3.60.....	39.60
For Models equipped with E.I.E.....	Add	5.00.....	.50.....	5.50

When ordering a carrying case the Monroe Model for which it is to be used should be indicated.

Electromagnetic Interference Eliminator See Feature No. 43 above. This feature, built in accordance with Navy Department specifications, can be furnished at the price indicated on all Series C and Series N Monroe Calculators.

Item No. 54-M-24200-160

All repair parts are bid at the current price list with no percent discount.

