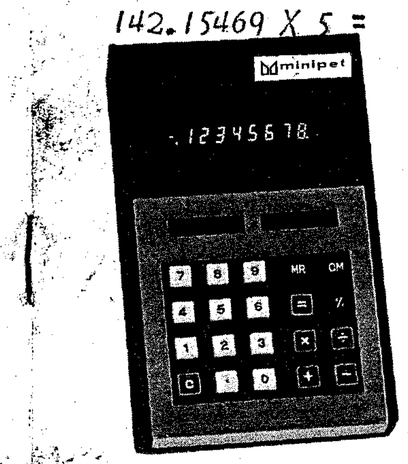
SPECIFICATIONS

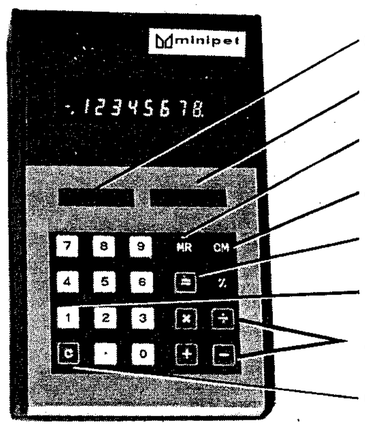
DISPLAY: Green color multi-digits flourescent tube.
COLUMNS: Lists 8 Digits.
REGISTERS: 1 Memory Register, 1 Read Out Register and 3 Working Registers.
DECIMAL POINT: Floating.
LOGIC ELEMENT: M.O.S., L.S.I. (1 chip).
POWER SUPPLY: D.C. 4 pieces 1.5V AM-3 or UM-3 pen-light batteries.
A.C. Adapator (optional).
OPERATION TEMPERATURE: 0° C to 40° C.
DIMENSIONS: 13.5 cm. X 8.5 cm. X 2.9 cm.
POWER CONSUMPTION: 0.5W.
WEIGHT: 8 oz. (with batteries)



minipet

Model 82M-D

Instruction Booklet



KEY FUNCTIONS

[+] **ADDITION KEY:** To be depressed for addition.

[C] **CLEAR KEY:** Single depression for clearing entries.
Double depression for clearing all (except memory).

[CM] **CLEAR MEMORY KEY:** For clearing the contents in the memory.

[÷] **DIVISION KEY:** To be depressed for division.

[=] **EQUAL KEY:** For obtaining the results of a multiplication or division.

[X] **MULTIPLICATION KEY:** To be depressed for multiplication.

[%] **PERCENTAGE KEY:** For percentage calculation.

[RM] **RECALL MEMORY KEY:** For recalling the contents in the memory.

[—] **SUBTRACTION KEY:** To be depressed for subtraction.

[ACC ■ N] **ACC – ACCUMULATION:** Switch to ACC position for memory.
N – NORMAL: Without memory.

INTRODUCTION OF FORDS 82MD

- Eight digits
- Four operations
- Constant calculations
- Chain calculations
- Automatic power clear
- Full floating point (automatic underflow)
- Automatic percentage operations
- Accumulating memory register
- Memory accumulation switch
- Leading zero suppression

ACCUMULATION SWITCH

The accumulation switch has two positions, "N" and "ACC".
The "ACC" position activates automatic memory accumulation upon depression of an [=] or [%] key.

MEMORY IN USE INDICATION

When the memory register is non-zero, the decimal point will be displayed in the sign position (9th digit).

OVERFLOW CONDITIONS (SIGN E)

Any operation resulting in more than eight significant digits to the left of the decimal point will cause an overflow condition, Indication of overflow is a special symbol in the sign position. The display will indicate the eight most significant digits of the operation.

ADDITION & SUBTRACTION

12.3 + 23.4 – 34.5 = 1.2

	OPERATION	DISPLAY
[C]	12.3	12.3
	[+]	12.3
	23.4	23.4
	[+]	35.7
	34.5	34.5
	[–]	1.2

REPEATED ADDITION OR SUBTRACTION

3 + 3 – 5 – 5 = -4

	OPERATION	DISPLAY
[C]	3	3
	[+]	3
	[+]	6
	5	5
	[–]	1
	[–]	-4

MULTIPLICATION & DIVISION

$$\frac{12 \times 45 \times 3}{124}$$

OPERATION	DISPLAY
12	12
[X]	12
45	45
[X]	540
3	3
[÷]	1620
124	124
[=]	13.064516

MULTIPLICATION BY CONSTANT

123 X 12 = 1476
123 X 23 = 2829
123 X 9 = 1107

OPERATION	DISPLAY
123	123
[X]	123
12	12
[=]	1476
23	23
[=]	2829
9	9
[=]	1107

DIVISION BY CONSTANT

1200 ÷ 24 = 50
196 ÷ 24 = 8.1666666
324 ÷ 24 = 13.5

OPERATION	DISPLAY
1200	1200
[÷]	1200
24	24
[=]	50
196	196
[=]	8.1666666
324	324
[=]	13.5

PERCENTAGE CALCULATION

120 Mark up 30%
Answer 156

OPERATION	DISPLAY
120	120
[X]	120
30	30
[%]	36
[+]	156

150 Less 25% Discount
Answer 112.5

OPERATION	DISPLAY
150	150
[X]	150
25	25
[%]	37.5
[−]	112.5

MIXED CALCULATION

$$\frac{(12 + 5 - 6)^2}{8}$$

OPERATION	DISPLAY
12	12
[+]	12
5	5
[+]	17
6	6
[−]	11
[X]	11
[÷]	121
8	8
[=]	15.125

ACCUMULATION WITH CONSTANT

Set Switch to ACC *position*

5.05 X 200 = 1010
5.05 X 127.5 = 643.875
5.05 X 85.25 = 430.5125
Total: 2084.3875

	OPERATION	DISPLAY
C CM ACC	5.05	5.05
X		5.05
	200	200
=		1010
	127.5	127.5
=		643.875
	85.25	85.25
=		430.5125
	MR	2084.3875

ACCUMULATION

125 X 6 = 750
45 X 23 = 1035
– 56 X 40 = – 2240
– 455

	OPERATION	DISPLAY
C CM ACC	125	125
X		125
	6	6
=		750
	45	45
X		45
	23	23
=		1035
	56	56
–		– 56
X		– 56
	40	40
=		– 2240
	MR	– 455