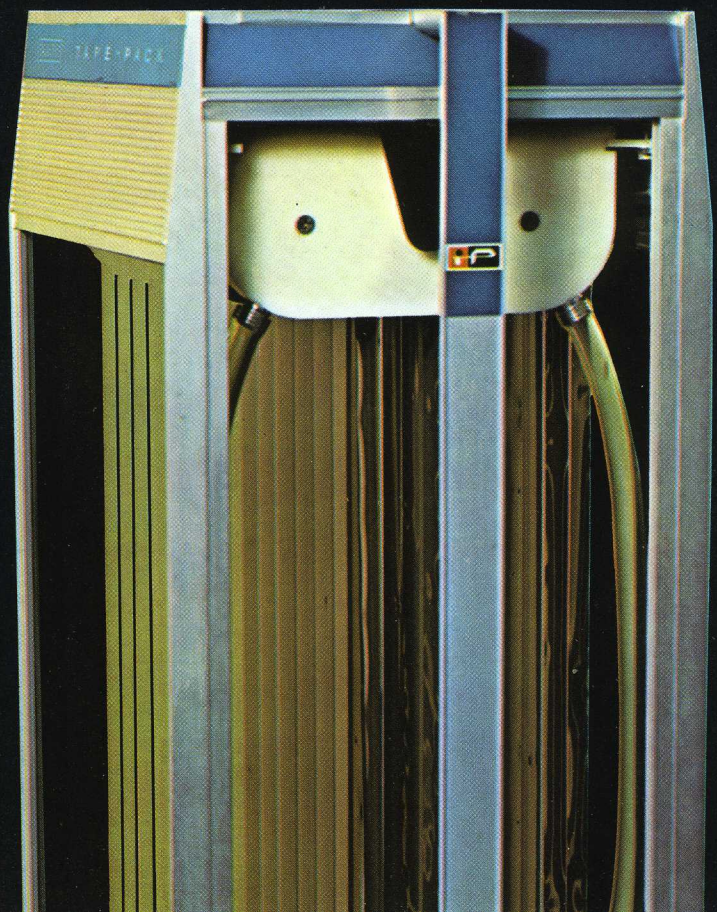
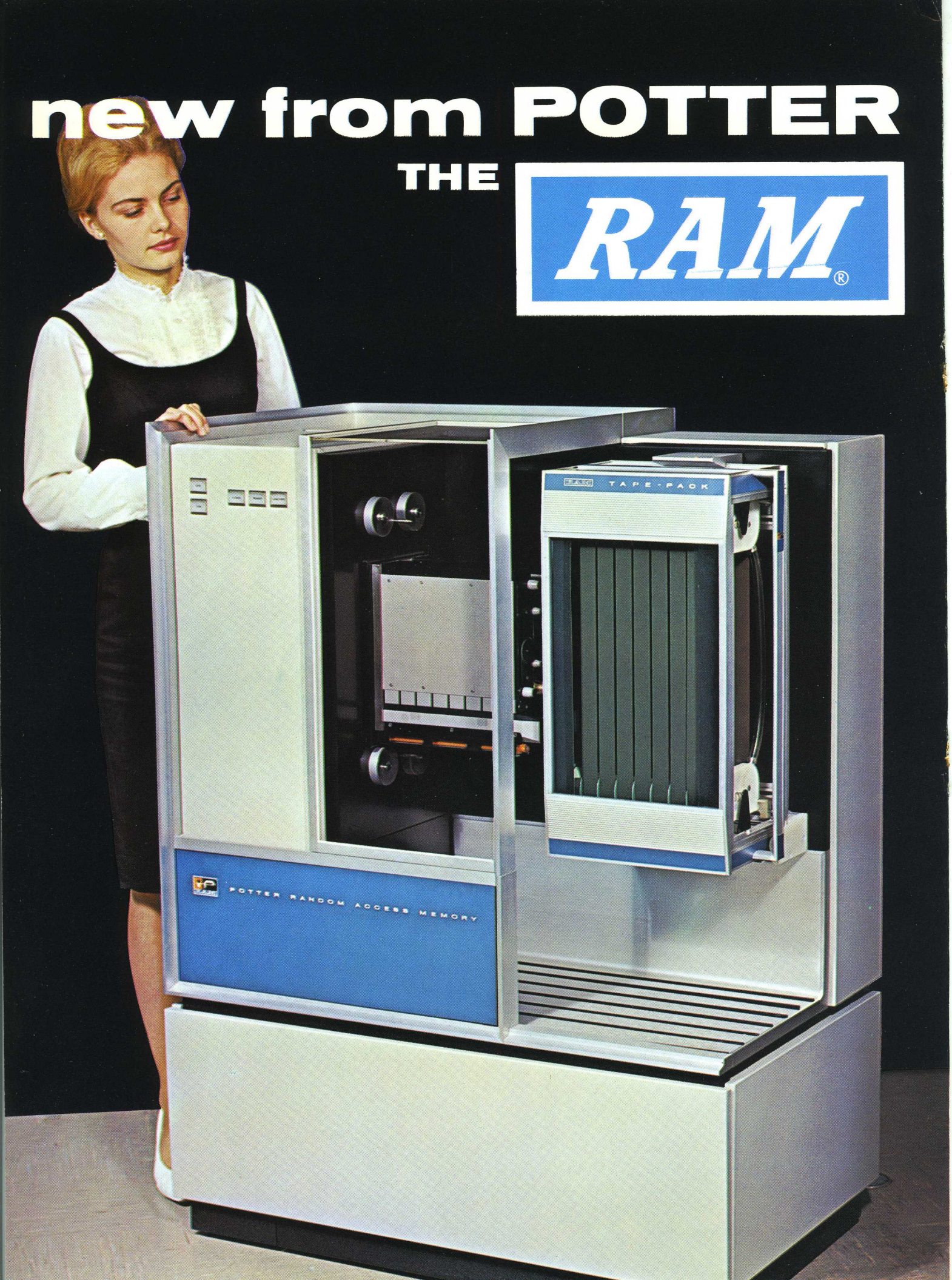
Announcing a major breakthrough in random access memory!



new from POTTER

THE RAM®



...a completely new concept in random access memory

TWICE AS FAST

DOUBLE THE CAPACITY

COMPLETE DATA SECURITY

LOWEST PRICED UNIT AVAILABLE TODAY

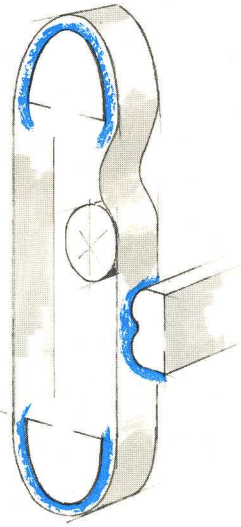
A random access memory unit that costs *less* than competitive equipment is news in itself. But when you add to it doubled bit capacity, immediate check-read-after-write capability, and complete data security, you begin to realize what new — *new from Potter* — really means.

The RAM* is a fast access, infinitely-expandable cartridge-loaded memory device. Its revolutionary new drive system permits using high density magnetic tape loops in random access memory applications for the first time. Still another revolutionary development — a read-after-write head — permits a complete write and check read operation in less than 90 milliseconds. The fastest available!

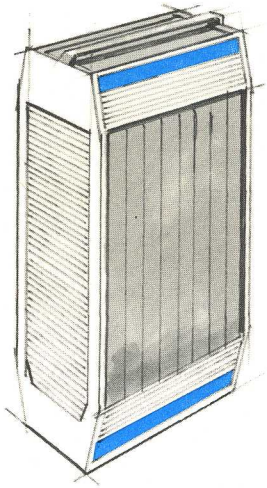
Potter's unique Tape Pack cartridge is another feature that really sets the RAM apart. Tape Pack cartridges need no more special handling consideration than a brief case. Even if a cartridge is accidentally dropped to the floor, data remains secure. And because critically fabricated disks are eliminated, Tape Packs are less than half the cost of disk packs.

But these are just the highlights of this remarkable breakthrough in random access memory equipment. Get the full details on the new Potter RAM for yourself. Write or wire Potter today.

FLEXIBLE TAPE LOOP STORAGE MEDIUM



tape loops float over stationary bearings on cushions of air . . . "fly" past write/read head without making physical contact. Years of trouble-free operation are assured.



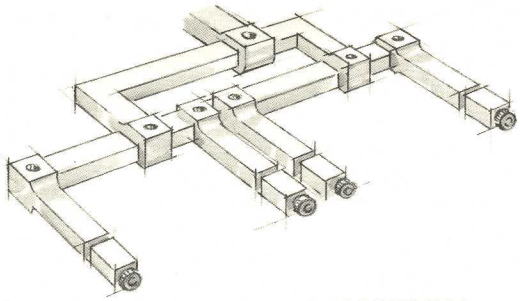
UNIQUE TAPE PACK CARTRIDGES

rugged plexiglass and aluminum cartridges protect tape during both storage and operation. Dirt, dust and contamination are sealed out.

POTTER

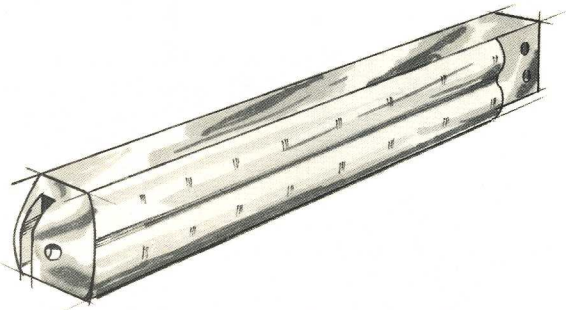
INSTRUMENT CO., INC.

*Registered trademark of Potter Instrument Company, Inc.



SIMPLE CONSTRUCTION

rugged "whiffletree" binary head positioning mechanism combines simplicity with precision . . . eliminates complex servo mechanisms.



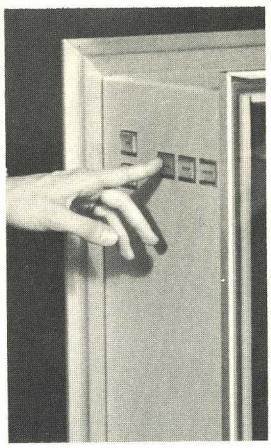
MINIMUM MOVING PARTS

single write/read head post assembly is positioned by simple linear movement.

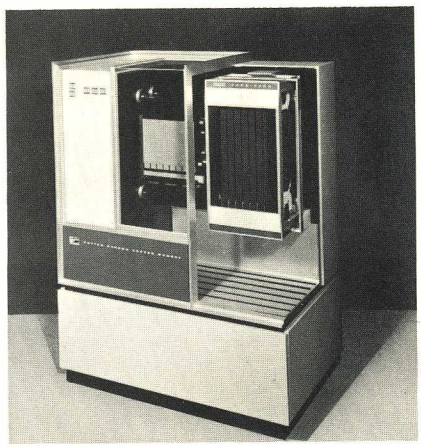
EASY TO OPERATE — INFINITE CAPACITY

operator selects proper Tape Pack

latches Tape Pack into RAM



touches start button



loading operation is completed automatically. RAM capacity is infinitely expandable. Each cartridge adds 50 million bits of memory.

SUMMARY SPECIFICATIONS

Cartridge Capacity	50.3 million bits
Average Head Positioning Time	62.5 ms
Average Latency Time	25.0 ms
Average Access Time	87.5 ms
Check Read Delay	1.7 ms
Check Read-After-Write Cycle Time	89.2 ms
Data Transfer Rate (Bits)	600 kc/s

POTTER

INSTRUMENT CO., INC.

151 Sunnyside Boulevard
Plainview, New York (11803) 516-OV-1-3200
Cable: PICO TWX: 516-433-9320

THE LEADER IN EDP EQUIPMENT