



733-10 OEM DISK STORAGE DRIVE

The 100-megabyte ISS 733-10 OEM disk drive is one of the most advanced random access mass storage devices ever designed for the OEM market, and is easily upgradable to 200 megabytes.

It's head positioning and start/stop times are exceptionally fast. The drive is compact, easy to load, and unusually quiet in operation.

Disk pack type is 3336-1 or equivalent, removable and interchangeable, interlocked to protect media integrity. A wide range of standard features, together with options to meet specific requirements, make the 733-10 an ideal choice for OEM's—and their customers.

ADVANCED INTERFACE DESIGN

Our interface permits functional compatibility between the ISS 733-10 and most current 40, 80, 100, 150, 200, and 300-megabyte drives. This means minimal controller modifications, if any.

EXCEPTIONAL SPEED

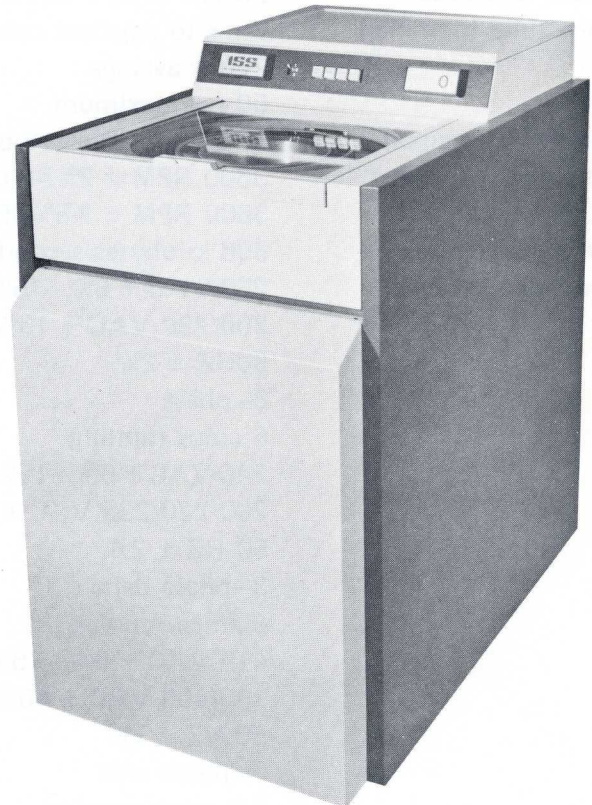
Start/stop time is just 15 seconds. Average access time is 27 milliseconds, fastest in the industry.

INTEGRAL POWER SUPPLY

The built-in power supply tolerates a wide range of power variations, particularly on the low side, greatly reducing susceptibility to cycle sags and brown-outs.

UPGRADABILITY

The 733-10 is field upgradable to 200 MB. Upgrading is easily accomplished in less than four hours.



Additional ISS 733-10 leadership features:

- precision track-following system
- cleanest head-disk environment
- dual port operation
- rotational position sensing
- interchangeable logical address plug
- key positioning functions self-verified during every head load
- compact single spindle cabinet
- waist-high disk-pack loading
- easy access for simple checkout and servicing
- industry standard media
- quiet operation

733-10 SPECIFICATIONS

Storage capacity	100 million bytes
Bit density	4040 BPI
Track density	192 TPI
Disk pack	3336-1 or equivalent
Cylinders per track	411 addressable
Recording surfaces	20 (19 data, 1 servo)
Number of heads	20 (19 data, 1 servo)
Access time (nominal)	7 ms to adjacent cylinder 27 ms average 50 ms maximum
Operation (nominal)	15 seconds start/stop
Disk rotational speed	3600 RPM \pm 2%@60HZ 3600 RPM \pm 2.5%@50HZ
Data transfer rate	806 kilobytes/second
Power requirements	208 VAC + 6%, -15% 200/230 VAC + 10% -15% 60HZ \pm 2% 3-phase 6 amps running 240 VAC + 6%, -15% 200/220/235 VAC + 10% -15% 50 HZ \pm 2% 3-phase delta 6 amps running 416 VAC + 6%, -15% 380/400 VAC + 10% -15% 50 HZ \pm 2% 3-phase wye 4.5 amps running
Operating environment	Temperature 60°F to 90°F (16°C to 32°C) Relative humidity 20% to 80% Heat dissipation 5500 BTU/hour (nominal)
Physical dimensions	Height 40 inches (101.6 cm) Width 20 inches (50.8 cm)* Depth 34 inches (86.4 cm) Pack loading height 36 inches (91.4 cm) Weight 490 lbs. (222.3 kg)
	*Plus a 1 inch (2.5 cm) finished panel at each exposed side

733-10 FEATURES

STANDARD FEATURES

You get a wide range of standard features with the 733-10 - features that make it not only the most technologically advanced drive in its class, but also the most convenient to use.

These include:

- Logical address plug
- Data separation and write data precompensation
- Absolute cylinder addressing
- Rotational position sensing
- Programmable sector mark
- Daisy chain configuration
- Electronic tachometer

OPTIONAL FEATURES

To meet specific requirements, the 733-10 is available with the following options:

- Dual port (factory or field installed)
- Address mark format
- Radial configuration
- Field upgradable to 200 MB

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TECHNOLOGICAL LEADERSHIP
FOR THE GENERATIONS AHEAD

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE