



PERTEC FD200/FD250 Microfloppy Disk Drives

For Low Cost Mass Storage, Depend on Pertec's Microfloppies. We've got what you need for OEM applications.

Want a single head and double density? That's our FD200 microfloppy disk drive. Want a double head and double density? We've got that too--in our FD250. If you're not up to double density, both drives can also accommodate single density recording.

Need more storage capacity? High resolution heads and improved read electronics make it possible to record up to 437,500 bytes on the FD250, without flipping the diskette. If that's not enough, try the FD200 for 250,000 bytes, then flip over the 51/4 inch diskette, and record *another* 250,000 bytes.

Want reliability? Our IBM-compatible read/write heads are the very same industry proven heads we've used in thousands of our FD400 and 500 models. What's more, the FD250 has a diskette in-place switch, designed to increase unit life.

Want more than 35 on-line recording tracks? Try our FD200 drive with 40. More? Try the FD250 and get 70.

But we haven't stopped there. Our designers have thought of lots of other ways to give you what you need in microfloppies.

For instance, we didn't want you to worry about overseas voltage differences, so both the FD200 and 250 operate with standard 5- or 12-volt dc power supplies. We didn't want you to worry about spares and repairs, so both models' interface electronics have been reduced to a single PCBA. Plus, the FD250 uses a special dual-head mechanism that will decrease your media and head wear.

If you need more information, talk to your local Pertec salesman. He'll tell you more about why our microfloppies are the best choice in low cost mass storage. Depend on it.

See reverse for specifications.

FD200/FD250 Microfloppy™ Disk Drive Specifications

Media Tracks per inch Number of Tracks Read/Write Track Width	Industry-compatible 5-1/4-inch diskette 48 FD200: 40 tracks FD250: 70 tracks 0.047 mm (0.012 inch)
Physical Height Width Depth Weight	82.55 mm (3.25 inches) 146.05 mm (5.75 inches) 203.2 mm (8.0 inches) 1.45 kg (3.2 pounds)
Environment Temperature Operating Non-operating Relative Humidity Operating Non-operating	10°C to 42°C (50°F to 110°F) -40°C to 71°C (-40°F to 160°F) 20% to 80% 5% to 95% (non-condensing)
Performance Seek Time Head Settling Time Head Loading Time Error Rate (maximum) Head Life Media Life Disk Speed Instantaneous Speed Variation Start/Stop Time	25 msec track to track 10 msec (last track addressed) 35 msec (maximum) 1 per 10 ⁹ recoverable, 1 per 10 ¹² non-recoverable 20,000 hours (normal use) 3 million passes on a single track 300 rpm ±1.5% ±1.0% 1 second (maximum)
Recording Parameters Transfer Rate Recording Density (inside track) Maximum Bytes per Disk¹ Maximum Bytes per Track¹ Recording Mode	125/250K bits/second 2768/5536 bpi FD200: 125,000/side (single density)/ 250,000/side (double density) FD250: 218,750 (single density)/ 437,500 (double density) 3125/6250 FM single/MFM double density
Power Requirements	+ 12v dc ±0.6v, 2 amps maximum 5v dc ±0.25v, 0.8 amps maximum

¹unformatted



9600 Irondale Avenue, Chatsworth, California 91311 Phone (213) 999-2020 / TWX 910-494-2093