







### ***Other Factors***

Power consumption for an LCD monitor is usually about 40 watts. In contrast, the power consumption for a comparable CRT monitor may be over three times as great. As a consequence, operating costs for LCD monitors are significantly lower.

Failure of individual LCD imaging elements is very common. Loss of a few elements is annoying, but if a large number of failures occur, the display may become unusable. Since the problem is so pervasive, it pays to purchase only from vendors with a good warranty and liberal replacement policy.

Finally, set up for a CRT monitor is usually trivial. An LCD monitor, on the other hand, may require extensive adjustment to achieve optimum results.

### ***Concluding Remarks***

Table 1, which follows, summarizes both the advantages and disadvantages of CRT and LCD monitors. A plus (“+”) indicates that a given technology (CRT or LCD) is better than the other technology with respect to a specific attribute, while a minus (“-”) indicates the opposite.

Clearly, an LCD monitor is superior for workstations in confined areas where use of a large CRT would not be practical. Similarly, an LCD monitor’s lower weight makes it easier to move and position on a work surface. Other features such as wall mounting and 90 degree pivot are useful in some situations. Low energy consumption and good to excellent image quality are other pluses. The most significant disadvantages for LCD monitors are higher cost and poorer image quality in some situations (low resolution images and video).

The CRT monitor, on the other hand, is less costly, more reliable, and easier to set up. Image quality is also better in some situations. The chief drawbacks of the CRT monitor are its size and weight.



