

The ML-1000 Series of microprocessor decoder boards link our high-speed MS-1000 Laser Scanner with virtually any host computer to deliver an unequalled value in price and performance.



MS-1000 Scanner

The world's smallest moving beam bar code scanner. The MS-1000 Scanner from Microscan Systems, Inc. is the smallest fixed-mount, moving-beam scanner you can buy. Paired with our ML-1000 Series decoder boards, it can read and decode all the major industrial and retail codes at a rate of 400 scans per second. It also has the flexibility to read all bar code densities with element sizes ranging from .005 to .040 inches.

Housed in a protective metal case, the MS-1000 is small enough to fit in the palm of your hand. Its compact size helps you meet even the most stringent space limitations for a wide range of applications.

The right scanner for your application. With the MS-1000, Microscan Systems brings moving-beam scanning to applications previously limited to less reliable fixed-beam scanning. In fact, many Fortune 500 companies have incorporated the MS-1000 into their products and their production lines to take advantage of its speed and reliability. For example, photo-finishing equipment manufacturers use our scanners to direct and track film processing. Automated medical test equipment keeps a watchful eye over medical samples with the MS-1000.

In addition, our scanners add valuable quality assurance capabilities to production line applications where automated identification is key to process control. Production tracking, robotics, document sorting and inventory control are just a few other examples.

The speed you need with the reliability you demand. With its high-speed laser diode technology, the MS-1000's performance rivals larger, more expensive scanners. Couple the scanner with the ML-1000 Decoder Series, and the complete system can scan and decode 400 labels per second in real time.

Even with fast moving labels you don't have to sacrifice reliability. In fact, based on statistics from actual installations, we've experienced a read rate in excess of 99.99% even when reading labels as small as .15 inches high, moving eight inches per second.

The MS-1000 can easily read almost any type of bar code label. The infrared laser diode can read labels printed by ink jet or impact printers, thermal transfer, most dot matrix printers or custom labels that provide the required 40% absolute print contrast at 820 nm.

The safest, most reliable laser scanner you can buy. With no known biological hazards associated with its use, the MS-1000 Scanner is accepted worldwide. Its extremely low laser output is well below the lowest CDRH Class I limits. Therefore, no shielding or exposure time restrictions are necessary.

The laser diode is inherently more reliable than helium neon lasers. In fact, it has a normal life span of 400,000 hours at 25°C.

Unlike traditional helium laser scanners, which typically require 1500 volts and have a high power consumption, the MS-1000 uses only low DC voltages with very low power requirements.

Built-in flexibility for your applications. Variable optical characteristics, high speed and scanning flexibility let you tailor the scanning features to your specific needs.

- Extended-range optics are capable of reading low density codes up to 40 inches away with a depth of field of up to 24 inches.
- Standard optics have an adjustable center of focus from 0 to 10 inches.
- A wide field of view allows you to place a label 3¾ inches long as close as two inches from the scan head.
- The scan rate can be varied from 50-400 scans per second.
- By using our right angle mirror, the beam can be redirected 90° up or down, allowing the scanner to be mounted in nearly any position.