



Accu-Sort offers an answer for your fixed position scanning needs – the Model 20!

As the leader in fixed position bar code scanners, Accu-Sort offers one in its line of inexpensive moving beam scanners: the Model 20.

The Model 20's state-of-the-art scanning optics are designed to take the guesswork out of fixed position scanning applications. The unit's flexibility and performance allows the Model 20 to read the most commonly used bar code densities at pre-defined mounting distances.

Using surface mount technology, a solid-state laser, and a brushless DC motor, we have designed a scanning system into the smallest package available. The NEMA 12 extruded aluminum enclosure measures just 2.6" x 2.1" x 1.4" (6.6 cm x 5.3 cm x 3.6 cm) and provides protection for internal components in almost any harsh industrial environment.

The Model 20 uses an advanced RISC microprocessor to decode scanned data at very high rates and perform various ap-

plication functions. The standard configuration provides 13 code types with auto-discrimination of eight bar code symbologies at once. Two parallel outputs selectable for valid and non-valid codes provide external signals to operate small relays.

Our Accu-Setup for Small Scanners program provides easy-to-use Windows-based scanner setup (CRT or host on-line commands are also available). The Model 20 communicates to the host via RS-232-C, RS-422, RS-485 multidrop, or optional 20mA current loop (active or passive).

The compact Model 20 optical decoding and I/O features can accommodate a wide variety of scanning applications. Its small size and single power source enable easy integration into automatic test equipment, blood and chemical analyzers, document scanning systems, print verification, or any fixed position bar code scanning application requiring low-cost non-contact bar code scanners.

Typical applications include:

- Automated and manual medical specimen tracking
- Package content verification
- Automated document handling
- Bar code verification during the printing and binding process

OUTSTANDING FEATURES

- ▶ **Compact size and integrated decoder allow for easy integration even in the tightest spaces**
- ▶ **High scan rate increases flexibility, productivity, and efficiency**
- ▶ **Wide scan angle allows bar code scanning even at a close distance**
- ▶ **Reads all bar code densities at a pre-determined mounting distance without the need for optical adjustment**
- ▶ **Optional EM-50 expansion module provides power and terminal block connections**

