

# 1D Bar Coding Integration



## ENHANCE PRODUCTIVITY WITH POSITIVE ID

### Introducing 1D Bar Coding

Bar coding provides benefit to laboratory environments by efficiently and accurately automating data entry and information retrieval. Utilizing a unique arrangement of horizontal bars and spaces of varying widths, 1D bar codes contain all the information related to and associated with a bar coded item.

### The Benefits of Bar Coding

Bar coding is easy to use and increases productivity in the laboratory environment from sample login through final disposal. Some of the advantages include:

- **Speed** - the average speed of a bar code scanner is estimated at five to seven times as fast as a manual typist
- **Accuracy** - bar coding eliminates manual data entry errors
- **Efficiency** - bar coding technology results in more accurate data collection and reduced transcription errors
- **Cost Savings** - all the advantages ultimately result in reduced costs

### Bar Coding System Components

The basic components of a bar coding system include:

- **Scanner** - the scanner type will depend on the size of the bar code on the labels and the surfaces that will be scanned, and needs to be rugged enough to withstand laboratory conditions
- **Label Printer** - varies depending on application requirements, type of label, bar code font, print type, etc.
- **Bar Code Labels** - the label type will depend on the environment to which it will be exposed (i.e. heat, cold or wet)



*For usability reasons, ATL recommends bar code fonts 3 of 9 or 128, which also contain human readable information below the barcode.*

### 1D Bar Coding Starter Package

ATL offers a complete equipment starter package to enable your laboratory to instantly leverage bar code technology. The starter package includes:

- **Two Hand-held CCD Scanners**
- **Label Printer** (300 dpi Elton Thermal Printer)
- **One Universal Resin Ribbon**
- **Permanent, Waterproof Labels** (1000 qty, size 3" x 1")
- **One USB Printer Cable**
- **USB Cable** (Keyboard Wedge)

### System Installation and Training

ATL offers complete installation, configuration and training on bar code integration to get this technology up and running in your laboratory instantly.

Microsoft  
GOLD CERTIFIED  
Partner



Call your ATL representative today to learn more:

(800) 565-5467 ■ [atlab.com](http://atlab.com) ■ [info@atlab.com](mailto:info@atlab.com)



Innovation. Performance. Success.