

Barcode Reader System

The ability to read and decode barcodes is a key requirement for many tire test and measurement processes.

Barcode readers and interpretation functions are available as an option for the Micro-Poise ASTEC[®] PLUS tire uniformity and AkroDYNE[®] tire dynamic balancer machinery.

The Barcode Reader System is designed to be used with the Tire Handler/Lube Station. When integrated with Micro-Poise test and measurement systems, the Barcode Reader System reads the tires individual barcode as it is rotated for bead lube, prior to entering the test station. From the barcode number, testing parameters are determined such as tire characteristics enabling the machine to adjust for individual tire characteristics and test the tire to established standards.

Key Functions:

- **The barcode is scanned at tire handler & lube station.** Tire type is associated with the barcode number through a customer managed database. The information is then sent to the tire testing system.
- **Testing Machine automatically adjusts.** The Micro-Poise machine automatically performs its tests on the tire according to parameters established by tire type.
- **Measurement results transmitted with barcode value in output string of data.** Results can be written to an ODBC compliant database.
- **Measurement results are aligned relative to barcode label.** The label becomes a zero-point reference angle on the tire allowing measurement to be related to specific areas of tire construction.



**Barcode Reader
installed on a tire
handler & lube station**

Micro-Poise Measurement Systems, LLC

For more than 90 years, Micro-Poise has been supplying innovative solutions that put us on the leading edge of final finish tire testing technology. Contact us today to see why *The World is Turning to Micro-Poise* for all of their final finish tire testing needs.

Barcode Reader System

Features and Benefits:

- **High Barcode Reader Rates.** Micro-Poise integrates the industry's leading barcode reader equipment. The result maximizes the machine's ability to read barcodes in production.
- **Reading performance under rugged manufacturing conditions.** The barcode sensors are designed to perform in the production environment with minimum maintenance.
- **Precise sensor positioning is designed into the mounting system.** This provides the user with the ability to test a wide variety of tire sizes without device or re-positioning limitations.
- **Easy replacement of sensors, if required.** Downtime is minimized.



Specialty Sensors

Typical System Components

- ✓ **Micro-Poise uses the Datalogic Matrix 410™ Barcode Reader, considered to be one of the most powerful and flexible barcode readers available.**
- ✓ **Modular Connection Box to manage wiring quickly and easily.**
- ✓ **Monitoring of the system is ensured through the Display Module and Backup Module.**

Custom Barcode Software Implementation Options

- ✓ **Barcode Number Linked to Measure Results.**
- ✓ **Barcode Number Linked to Measure Results + Automated Recipe Selection.**
- ✓ **Barcode Number Linked to Measure Results + Automated Recipe Selection + Spotting.**

www.micropoise.com

MP USA

Tel: + 1-330-541-9100
Fax: +1-330-541-9111

MP Europe

Tel: +49-451-89096-0
Fax: +49-451-89096-24

MP Korea

Tel: +82-31-888-5259
Fax: +82-31-888-5228

MP China

Tel: +86-20-8384-0122
Fax: +86-20-8384-0123