



Barcode Reader System

The ability to read and decode barcodes is an essential requirement for many tire test and measurement processes. Barcode readers and interpretation functions are available for the Micro-Poise® ASTEC® FX tire uniformity, AkroDYNE® FX tire dynamic balancer, AkroDYNE® FXT tire truck dynamic balancer, and offered as upgrades on legacy Micro-Poise® machines.

The Barcode Reader System is used with the Tire Handler/Lube Station. When integrated with Micro-Poise® test and measurement systems, the Barcode Reader System reads the tire's barcode as it rotates during bead lubrication before entering the test station. The barcode number determines testing parameters 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 the tire handler & lube station. Tire type is associated with the barcode number through a customer-managed database. The information is then sent to the barcode. The barcode number is transmitted to the Machine Controller or to the User's host computer to associate it with a Tire Type. The Type stored in the machine controller determines the parameters for force, balance, and or geometry testing
- The Micro-Poise® machine automatically performs its tests on the tire according to parameters established by tire type.
- Measurement results can be aligned relative to the barcode label. The label becomes a zero-point reference angle on the tire, allowing measurement to be related to specific areas of tire construction.
- Measurement results are transmitted with barcode values in the output string of data. Results can be written to an ODBC compliant database.



Features and Benefits:

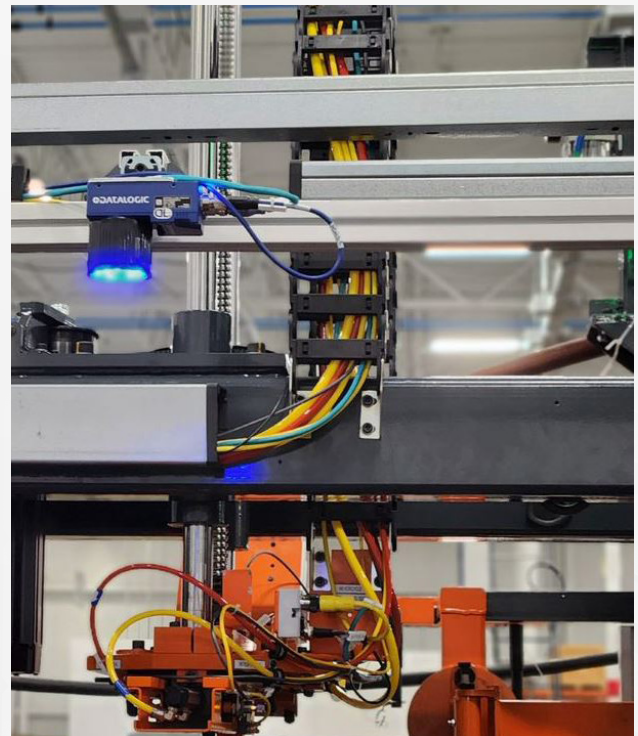
Micro-Poise® integrates the industry's leading barcode readers. The result maximizes the machine's ability to read barcodes in production.

- Reading performance under rugged manufacturing conditions. The barcode sensors are designed to perform in a tire manufacturing environment with minimum maintenance.
- Easy replacement of sensors, if required. Downtime is minimized.

Typical System Components

Micro-Poise® uses Datalogic Matrix or Cognex Barcode Readers, considered some of the industry's most powerful and flexible barcode readers.

- Monitoring of the system is ensured through the Display Module and Backup Module
- Custom barcode look-up implementation options available.
- 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



With more than 100 years of innovation behind us,
we continue pushing leading-edge tire measurement systems forward.
Micro-Poise®. Better by every measure.

Barcode Reader: 5/2023

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