



## Modular Tire Measurement System FX (MTMS FX)

The Micro-Poise<sup>®</sup> Modular Tire Measurement System FX (MTMS FX) is a system configuration that combines proven Micro-Poise<sup>®</sup> systems and stations into a single process to most efficiently provide tire measurements for passenger and light truck tires.

Compared to competitors and legacy systems, our MTMS FX has unparalleled precision and accuracy in measurement acquisition, which results in faster testing cycle times with no compromise in quality. Each measurement system ensures optimal measurement precision and accuracy.

### Key Features and Benefits

- Force Variation as measured by ASTEC<sup>®</sup> FX
- Dynamic Imbalance as measured by AkroDYNE<sup>®</sup> FX
- Tire Geometry as measured by TGIS FS
- Tire Grade Classification for uniformity, balance, geometry, and their combination
- Tire Marking with multi-colors and multi-shapes, using the Micro-Poise<sup>®</sup> Mark Orient Station and AkroMARK<sup>™</sup> Plus hot stamp marker modules
- Tire Sort Classification based on combined tire grade



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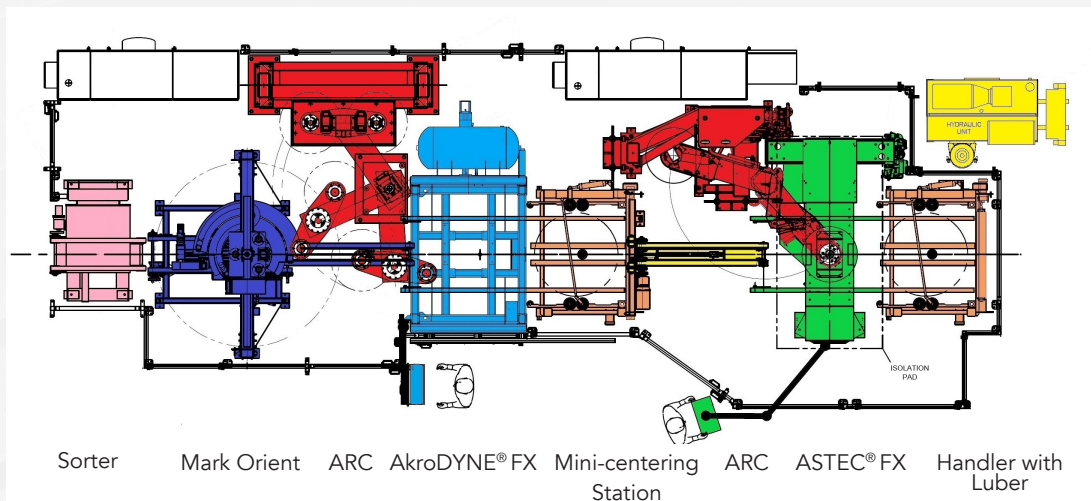


## MTMS FX System Features

Since the system is modular, various configurations are available depending on customer-specific requirements. Additional details and features of the test stations and modules comprising the MTMS FX can be found in their respective stand-alone machine product descriptions.

Below is an example of the most efficient configuration of the MTMS FX.

1. Handler with Lubr Station
2. Barcode Reader
3. ASTEC<sup>®</sup> FX with Optional Center and/or Shoulder Grinders
4. Optional ASTEC<sup>®</sup> FX Automatic Rim Change (ARC)
5. AkroDYNE<sup>®</sup> FX Mini-Centering Station
6. AkroDYNE<sup>®</sup> FX with Optional TGIS FS Geometry System
7. Optional AkroDYNE<sup>®</sup> FX Automatic Rim Change (ARC)
8. Mark Orient Station with Upper and Lower AkroMARK<sup>™</sup> Plus Hot Stamp Markers
9. Elevator Sorter Station



With more than 105 years of innovation behind us,  
we continue pushing leading-edge tire measurement systems forward.  
Micro-Poise<sup>®</sup>. Better by every measure.

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