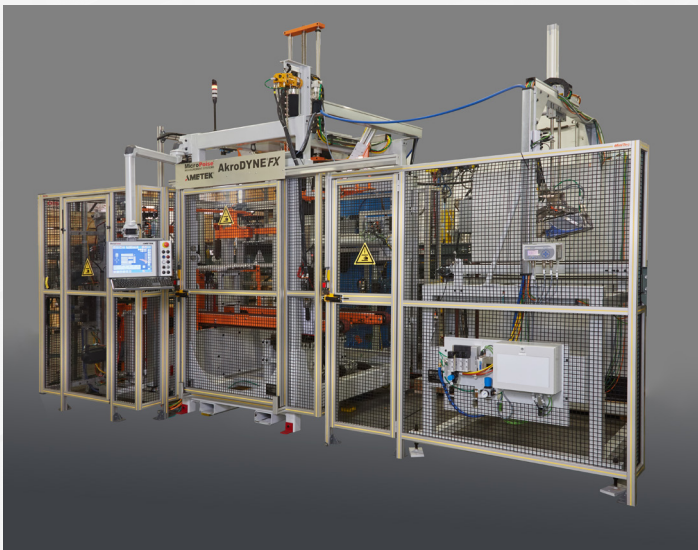




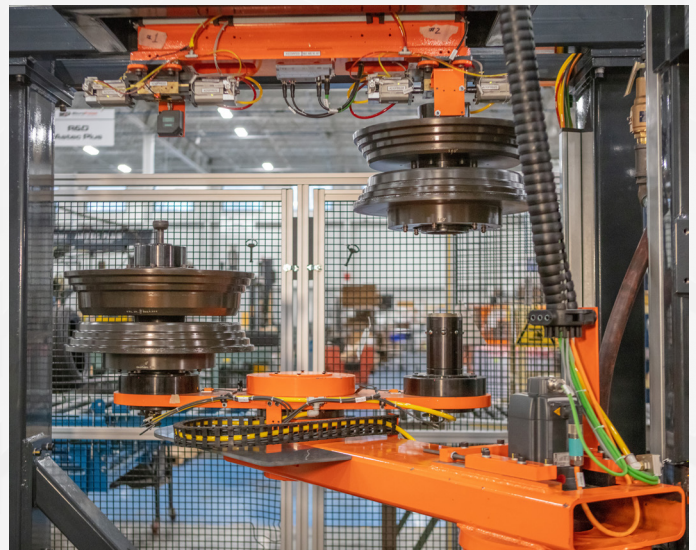
AkroDYNE® FX

Dynamic Balance Measurement for PCR and LTR Tires

- Best Measurement Repeatability and Accuracy in the Industry
- Improved Diagnostics
- Improved HMI Screen Navigation
- Optional TGIS FS Geometry with RadViewer advanced software packages
 - Flexible Scan - full track and mono track
 - Decoration and Lettering Removal (DLR)
 - Image Storage
- Optional Automatic Rim Change (ARC)
- Mark, Sort, and Uniformity Integrations as part of Integrated Tire Measurement System (ITMS)
- Allen-Bradley and Siemens Platform



AkroDYNE® FX PCR



AkroDYNE® FX ARC

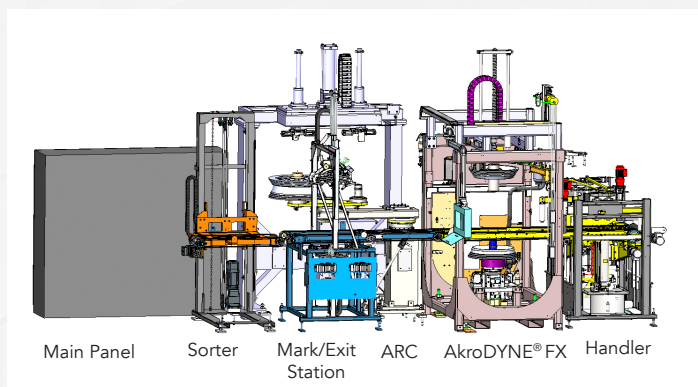


AkroDYNE® FX Automatic Rim Change

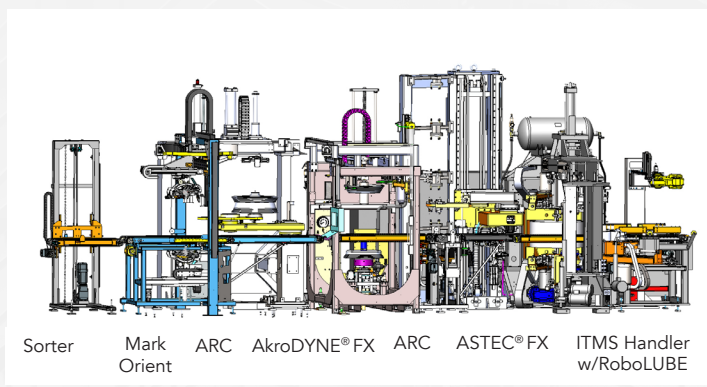
The AkroDYNE® FX Automatic Rim Change (ARC) is specifically designed for use with the AkroDYNE® FX Dynamic Balance System. The ARC performs tooling changes in a quick and efficient manner, without physical lifting or operator intervention. The ARC is capable of both automatic tooling changes, driven by information from the AkroDYNE® FX, and operator assisted tooling changes, managed through the AkroDYNE® FX operator pendant.

Key Features and Benefits:

- Micro-Poise® recommends ARC to prevent injuries to operators from lifting heavy tooling or potential damage to tooling sets from improper handling.
- Cycle time and manufacturing flexibility are key issues for tire manufacturers. The ARC is an efficient tool to use with the AkroDYNE® FX to minimize down time when a tooling change is required, enabling tire manufacturers to maximize output.
- Easy to install, use, and maintain.
- Servo axis for storage and transfer mechanisms. The storage system allows the AkroDYNE® FX to store two adapters in the storage rack while an additional adapter is being utilized by the test station, enabling the machine to have three unique sets of up to three-step adapters.
- Transfer unit designed to handle and enable safe and quick tooling change on AkroDYNE® FX. The transfer unit maneuvers the tooling between the test system and storage system over an optimized transfer path.
- On ITMS, synchronization with ASTEC® FX ARC for efficiency.



Typical Layout of AkroDYNE® FX with ARC



AkroDYNE® FX Layout as part of Integrated Tire Measurement System (ITMS)

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

AkroDYNE FX: 12/2023

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: +86-20-8363-4768 Ext 108
Fax: +86-20-8363-3701

MP India

Tel: +91-44-6699-5700
Fax: +91-44-6699-5721