



## AkroDYNE<sup>®</sup> 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<sup>®</sup> FX PCR



AkroDYNE<sup>®</sup> FX ARC

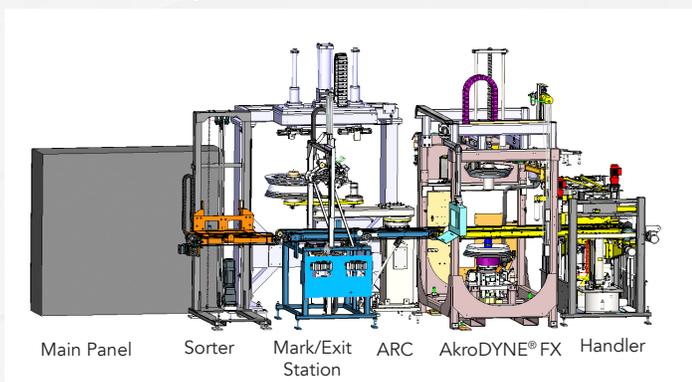


## AkroDYNE<sup>®</sup> FX Automatic Rim Change

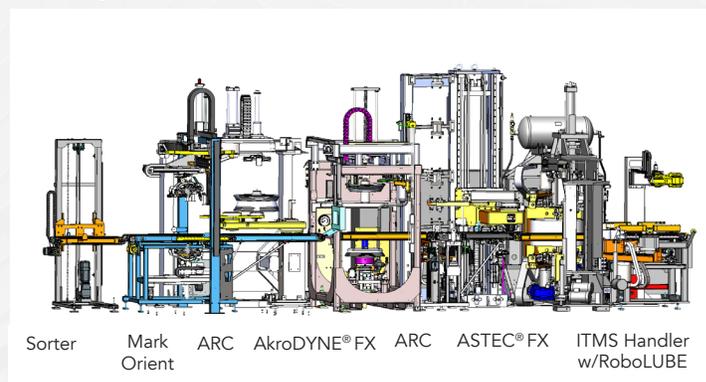
The AkroDYNE<sup>®</sup> FX Automatic Rim Change (ARC) is specifically designed for use with the AkroDYNE<sup>®</sup> FX Dynamic Balance System. The ARC performs tooling changes in a quick and efficient manner, without physical lifting or operator intervention. The ARC is capable of both automatic tooling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

### Key Features and Benefits:

- Micro-Poise<sup>®</sup> 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<sup>®</sup> FX to minimize down time when a tooling change is required, enabling tire manufactures to maximize output.
- Easy to install, use, and maintain.
- Servo axis for storage and transfer mechanisms. The storage system allows the AkroDYNE<sup>®</sup> 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<sup>®</sup> FX. The transfer unit maneuvers the tooling between the test system and storage system over an optimized transfer path.
- On ITMS, synchronization with ASTEC<sup>®</sup> FX ARC for efficiency.



Typical Layout of AkroDYNE<sup>®</sup> FX with ARC



AkroDYNE<sup>®</sup> 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<sup>®</sup>. Better by every measure.

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**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