

Static Balancer Solutions

Micro-Poise Measurement Systems LLC is the industry leader for dynamic balance machinery. Did you know that we support static balance machinery as well? Micro-Poise is your one stop solution provider for upgrades, rebuilds, spare parts and technical support. Highlights of each program are presented here. Please contact your local sales representatives for additional details.

Instrumentation Upgrade for Static Balancers

A full instrumentation upgrade is available for static balance equipment. Customers realize significant benefits when utilizing a certified Micro-Poise technician to upgrade obsolete hardware and software. Static Balancer instrumentation upgrade features include:

- Full evaluation of balance station and components by certified technicians.
- Replacement of obsolete components.
- Software zero compensation – signal drift is taken into consideration and is eliminated from balance results.
- Setups are easier and transferable. Easy to use Windows[®] operating system.
- Real time data collection and monitoring. Updated software; new information database and data tables. Host communications available.

Static Balancer instrumentation upgrade benefits include:

- Overall machine uptime is maximized.
- Ease of use – improved data extraction methods creates CSV files for easy interface with customer database.
- Reporting-easy use of information database and data tables.
- Flexibility - Increased number of tire codes in order to accommodate a much wider variety of tires.

Kit Options Include:

- New USB based instrumentation.
- Windows based software.
- Upgrades available with new computer.



Instrumentation Upgrade for Static Balancers



Input output forcing allows for digital diagnostics while observing communications between the computer and the PLC.



The Station Status screen will allow you to observe part flow and critical information while the machine is operating in automatic mode.



The Free Run screen offers users the ability to perform maintenance and system diagnostics. Raw and scaled voltages can be observed.



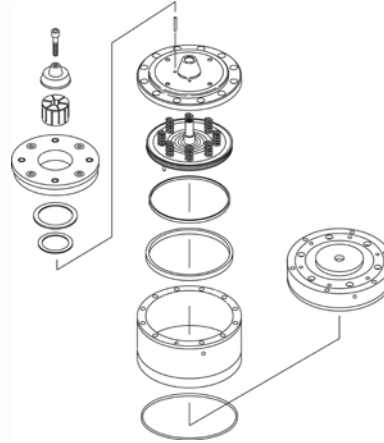
The Errors & Warnings screen is a great tool for trouble shooting the machine. This feature helps operators to identify potential system problems in order to maximize uptime.

Tooling for Static Balancers

Collet Style

Micro-Poise manufactures new Collet style tooling for your machinery. We can also rebuild your tooling to as new condition. For spare parts please contact your local Micro-Poise office.

- Collet style tooling is a reliable solution.
- Easy maintenance and repair.
- Low cost of ownership.
- Air actuation.
- Accommodates different part types.
- Precision ground for accuracy.



Cone Style

Micro-Poise manufactures new Cone Style tooling for your machinery. We can also rebuild your tooling to as new condition. For spare parts please contact your local Micro-Poise office.

- Cone style tooling is a reliable solution.
- Easy maintenance and repair.
- Low cost of ownership.
- Accommodates different part types.
- Precision ground for accuracy.



Linear Tire Adapter Style

The Micro-Poise Stiff Pivot balance machines are reliable machines that have been in service for generations. We can manufacture new tooling for these machines or may be able to recondition your existing tooling to as new condition.

- High repeatability and longevity of tooling.
- Our tooling design allows for a variety of tire bead diameters to be run on the same balance machine.
- This versatility allows for fewer changeovers.
- Low cost of ownership.
- Easy maintenance and cleaning.



Spare Parts

Micro-Poise carries an extensive inventory of critical spare parts to ensure that your up-time and delivery goals are met. Original spare parts made by Micro-Poise are delivered quickly and reliably – often overnight. Our team can be reached 24-hours a day, 7-days a week via our Call Center at 330-784-1251.

Global Preventive and Predictive Maintenance Program

Micro-poise Measurement Systems LLC provides exceptional customer service to our global clients. A key component of preventive maintenance is our Global Service Programs that are tailored to meet your needs.

Our service programs offer a wide variety of options to you while providing world class service that best fits your specific requirements. Ask your local representative about Micro-Poise's three levels of service; Platinum, Gold and Silver.

Benefits for Contract Customers:

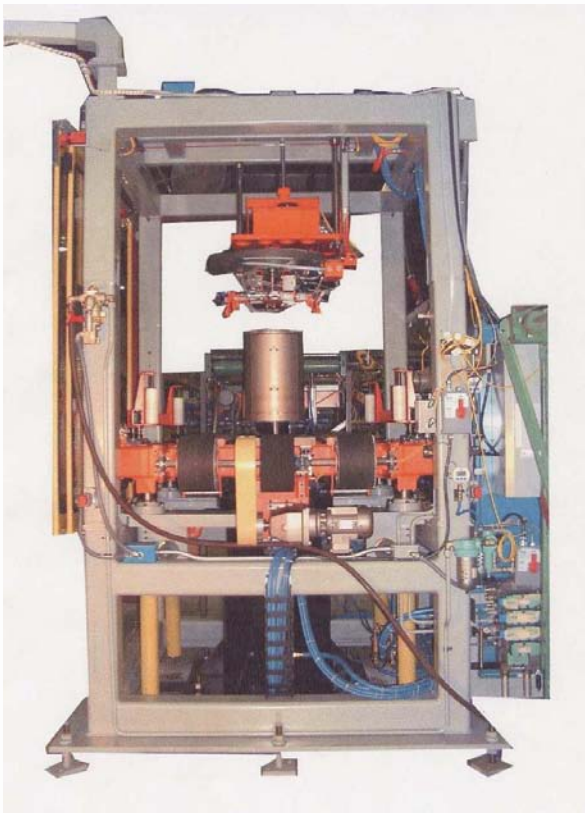
- Priority Service and Reduced Downtime.
- Forecasted Maintenance Costs per Machine.
- OEM certified PPM Field Service Technicians.
- Fixed Pricing Throughout the Term of the Contract.
- Extended Life of Your Equipment.
- Documented Service History.
- Discounts on Standard Parts and Full Rate Service Pricing.



Micro-Poise Can Rebuild Your Static Balancer




In today's economic climate, it is often advantageous to modernize an existing piece of equipment instead of investing in new. Modernization of an existing unit recoups your initial investment of the metal framework. From this basic shell, the unit can be completely rebuilt, upgrading its performance to the most modern standards available. Modernization can improve cycle times and measurement criteria while offering significant cost savings.

- All work performed by skilled and knowledgeable machinery specialists and engineers.
- Rebuilds are performed in our factory or yours for fastest turnaround times.
- Program starts with stripping the machine down to the metal frame.
- Unit is then completely updated with installation of all new systems, components and controls.
- Each unit is tested prior to shipping to ensure conformance with your expectations for performance and reliability.
- Allows for the same machine footprint to maximize production floor space.



Globally Positioned to Serve **You**

Micro-Poise Measurement Systems LLC serves the tire and automotive industry all over the world.

-  Micro-Poise Headquarters
-  Corporate Offices, Stocking Locations and Services
-  Sales Representatives



AMETEK[®] **MicroPoise**[®]
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