

Intelli-Sense Modular Instrumentation

Designed exclusively for our Uniformity and Dynamic Balance machines, Micro-Poise has integrated new technology with state-of-the-art electronics in measurement and testing. Our new Intelli-Sense Modular Instrumentation system is now offered on new final finish test machines and available to upgrade legacy instrumentation on existing Uniformity and Dynamic Balance machines.

Intelli-Sense Modular Instrumentation is our new platform for the next generation of test and measurement solutions for both the Tire and Automotive industry.

This new measurement and analysis system augments the overall capabilities of a Uniformity or Dynamic Balance machine. It positions the equipment to support a future platform of test and measurement functions. The intelligence built into the unit enables enhanced pattern analysis of raw data being received from the sensors while operating at high speeds.

Key Functions:

- Industrially-hardened on-board electronics provide high accuracy and precision at sub-millisecond speeds over a large range of channels and signals. This delivers unprecedented measurement information and multiprocessing capabilities.
- Rugged packaging enables the system to operate at super-duty levels within a wide range of operating conditions, including dust, liquid exposure, and very wide temperature ranges.
- Designed for quick field installation and low maintenance, the unit is easy to troubleshoot with self diagnostics.



Intelli-Sense Modular Instrumentation

Micro-Poise Measurement Systems, LLC

For more than 90 years, Micro-Poise has been supplying innovative solutions that put us on the leading edge of final finish tire and tire & wheel testing technology. Contact us today to see why *The World is Turning to Micro-Poise* for all of their final finish testing needs.

Intelli-Sense Modular Instrumentation

Features and Benefits:

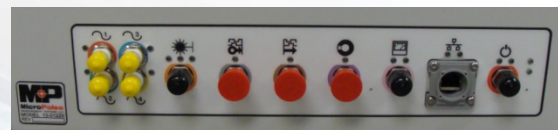
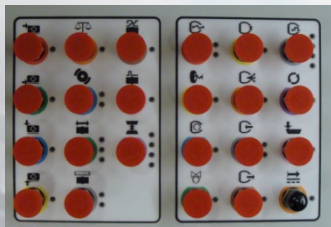
- **State-of-the-Art electronics platform**
 - Production ready for high speed tests and measurements
 - Capable of capturing precise data for critical sensor measurements
- **Designed with quick maintenance and high reliability in mind, the packaging is**
 - Compact
 - Easily installed with color coded & symbol based interconnection cables & plugs
 - Simple to troubleshoot with Self-Diagnostics.
- **No user serviceable parts – further reducing maintenance**
- **Low energy consumption**



“As Installed”

Intelli-Sense Modular Instrumentation
Panel mounted with quick connectors

Industry adapted M12 & Ethernet Quick Connections for both sensors and communications



Typical System Components

- ✓ **Compact Dimensions : 405 x 305 x 130mm**
- ✓ **Low Power Consumption Requirements : 24VDC @ 0.7 Amperes**
- ✓ **There are NO Cooling Requirements for operations below 55 degrees C**

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