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AcraDyne's Gen IV Platform gets performance boost with new Smart Arm Capability

New Smart Arm System With Process Visualization error-proofs fastening process

PORTLAND, Ore., May 30, 2019 — AIMCO, global marketer and manufacturer of the most complete portfolio of critical fastening solutions, announced today the release of AcraDyne's new Smart Arm Accessory With Process Visualization, an advanced error-proofing solution that integrates with the Gen IV Controller Platform to ensure a high-quality fastening process. The Smart Arm Accessory allows process visualization directly within the Gen IV ecosystem without the need for an external computer or third-party software. Users of AcraDyne's Gen IV Controller Platform can add the Smart Arm Accessory to their existing system at any time.

The modular Smart Arm Accessory is easy to setup with programming that takes only minutes. This advanced error-proofing solution takes the guesswork out of your fastening operation and is a low-cost alternative to third-party PC-based systems.

- No external PC or third-party software needed - control the process using AcraDyne's Gen IV Controller and its integrated software, included free of charge
- No guesswork - powerful data collection with the Gen IV Controller enables diagnostics and analysis in real time
- Easy-to-follow visual guidance directly on the Gen IV Controller graphical screen
- Once fastener locations are programmed into the Gen IV Controller, the system can perform specific actions on specified fasteners
- Compatible with both continuous and discontinuous drive tools

"Whether called 'Industry 4.0', 'Smart Machines', or IOT (Internet of Things), device connectivity in the assembly process is in high demand. AcraDyne engineers have taken the next step forward by integrating a 'Smart Arm' with the AcraDyne ACE Controller Platform, providing a streamlined, accurate fastening solution," said Ken Maio, Business Development Manager at AIMCO. "The AcraDyne Smart Arm Accessory is the first of many intended data-related accessories in the industry leading ACE Platform. We are developing a compliment of accessories that will further the already impressive ACE Platform ability to reliably coordinate, secure, and manage tightening related data."

The Smart Arm guides the operator in the specified torque pattern and counts fasteners required for correct assembly. The Smart Arm Accessory reads up to three positioning encoders per arm, - each located at an arm joint. The tool will only operate when it is at the correct specified fastener location.

Founded in 1970, AIMCO launched into marketing industrial power tools and related products and in 1971 became the exclusive agent for Uryu Seisaku, Ltd., pioneer manufacturer of pneumatic tools in Japan. Today, AIMCO is a global marketer and manufacturer offering the most complete portfolio of critical fastening solutions to meet the needs of customers serving in the Motor Vehicle, AG/Off Road, Energy Services, Aerospace, Electronics and General Assembly industries. AIMCO is dedicated to providing high-quality products that provide the ideal solution for our customers.

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