

MOTOMAN NEWS RELEASE

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CONTACT: Sally Fairchild
937.847.3202

MOTOMAN DIGITAL INTERFACE FOR MILLER AUTO-AXCESS™ POWER SOURCE ENHANCES PROGRAMMING FUNCTIONALITY



Dayton, Ohio — Motoman's DeviceNet® digital interface between the Motoman NX100 robot controller and Miller's Auto-Axcess™ power source provides all functions of the analog interface, plus the ability to display setup information and weld results on the robot teach pendant.

The digitally controlled Auto-Axcess DI™ uses the same instructions in the robot program as the analog interface and also has all of the standard NX100 welding functionality, such as arc start files, arc retry, HyperStart, etc. Amperage and voltage commands are set in the same way as the analog interface, providing easy integration into current operations.

The digital interface is compatible with Motoman's industry-leading multiple robot control technology. Up to four robots can be networked with pendant screens that allow data to be viewed, or changed, into any one of the four welders. Live welding data for all four welders can be viewed from a single screen.

Miller provides FileManager™ software to program the Auto-Axcess with a PDA. Now these functions can be set from the teach pendant. Just like robot data and programs, welder settings can be saved to a compact flash card and archived, emailed or uploaded to other robots.

The Auto-Axcess provides eight memory locations for live process programs. The pendant allows the user to view the process conditions in each program and load new processes into any of the program locations. These processes include Miller's popular Accu-Pulse®, traditional Pulse and CV conditions, new Accu-Speed™ and Accu-Curve™ algorithms and optional RMD®.

The Auto-Axcess DI power sources are available in 300-Amp and 450-Amp versions. The analog I/O board and 72-pin connector has been removed from the welder to save costs, but all other hardware is common to the standard Auto-Axcess, so spare parts are common. The user interface panel remains on the welder, so robot settings can be checked during troubleshooting.

The robot teach pendant incorporates password security for program settings on the welder. Passwords protect the level of access users have to change data on the welder. Miller's Edit Lock feature can be activated from the pendant, preventing users from being able to make program changes on the welder's user interface.

For more information on the Auto-Axcess Digital Interface or other Motoman products and services, visit the corporate web site at www.motoman.com, call 937.847.6200 or write to Motoman Inc., 805 Liberty Lane, West Carrollton, Ohio, USA 45449.

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