XPRO MOBILE

The **XPro-Mobile** is the “mobile” configuration of AMET’s new line of **XPro** series of advanced weld system controllers. This mobile version is a fully self contained, portable, multi process welding controller.
The **XPro-Mobile** controller is specifically designed for controlling a variety of “**Hard Automation**” welding fixtures, as well as “portable/soft” welding automation fixtures like “**Orbital Weld Heads**.”

All welding functions are completely integrated into AMET’s **XPro** intuitive Graphical user interface including a choice of welding power supply options suited for your needs in GTAW, GMAW, FCAW or VP applications. The **XPro-Mobile** process controller can be configured to operate a wide range of welding stations creating a common user interface for multiple welding stations, which can significantly reduce personnel training and orientation time.

Standard Features

- Touch Screen Graphical User Interface
- Remote Operator’s Pendant
- Fault Detection and Diagnostics
- Fully Integrated Motion Controls
- Fully integrated Power Supply Controls
- Choice of Commercial Power Supplies
- Integrated Torch Water Cooler with Sensing
- Self Contained Industrial Housing on Casters.
- Fixture Configuration Management Software
- Fixed or Orbital Automation Capable
- Four Axes of Motion Control

Options

- **Wireless** Operators Pendant
- Networking Capabilities
- Data Acquisition Capabilities
- Pre and Post Weld Automation
- Complex Cladding Software Solutions
- Arc Viewing Video Integration
- Arc View Cameras and Water Cooling
- Up to 4 Additional Motion Axes
- Hot Wire GTAW Capability

XPro User Interface

The XPro series controllers use a graphics based user interface for weld process display, weld schedule creation, and program / data storage management. Weld schedules are intuitively created and easily understood.
Arc Viewing images can be overlaid onto the weld process screen for viewing in real-time. The system can be set to automatically record and digitally store the real-time arc view video.

Weld Fixture Management

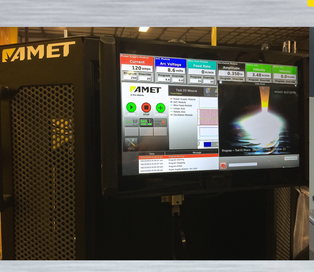
The XPro Welding Fixture Manager allows the controller to be easily switched between different systems, such as a column and boom system, and a tube weld head, or a lathe system. A different system can be used by simply swapping the AMET cable connection module, and selecting the specific configuration software from the configuration list.

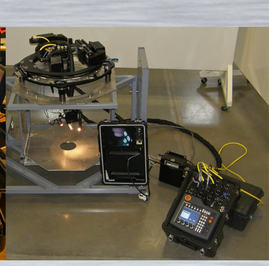
Remote Operators Pendant

Wired or Wireless

- Highly Visible Backlit Parameter Display
- Light weight and durable Construction
- Positioning and Jog Controls for Pre Weld Setup.
- Proportional joy sticks for accurate intuitive positioning
- Sequence Initiation and Termination Controls
- Digital, Encoder Based, Parameter Override Controls for accurate programmable override increments
- Process specific function buttons
  - Wire, AVC enable / disable
  - Purge / Gas control
  - No Weld function
  - Teach functions
  - Integrated Emergency Stop

The **XPro Series** is AMET’s newest line of control products and used for the more advanced automated welding systems. As with our XM series, the XPro utilizes multiple processors, dedicated to each welding function and are networked together to share all process information. This architecture allows us to provide tightly integrated systems in which all motion, power supply, and sensor functions are programmed and controlled from a single controller. The XPro provides organized, straight forward control for complex processes. It provides a higher level of control than our XM series including coordinated motion, increased levels of pre and post weld automation control, process data logging and recording, integrated video display windows, digital video recording (mp4 format), simplified connection to multiple fixture configurations, keyboard / touchscreen interface, and many others.





Over 2 Decades of Welding Automation Excellence