



The **XPro-Portable** is AMET’s advanced XPro control platform specially adapted for use in confined spaces or remote work areas where the welding system must be transported to the job site. The XPro-Portable control system consists of purpose built modules, each weighing approximately 40 lbs (18 kg) for easy transport to the job location. The XPro-Portable Modules then easily interconnect, using no tools in order to form a complete welding control system. The **XPro-Portable** controller is specifically configured for controlling a variety of “**Specialized Welding Automation**” fixtures, as well as “portable/soft” welding automation fixtures such as “**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-Portable** process controller can configured to operate a wide range of welding stations creating a common user interface for multiple welding stations and significantly reduces personnel training and orientation time.



Standard Features

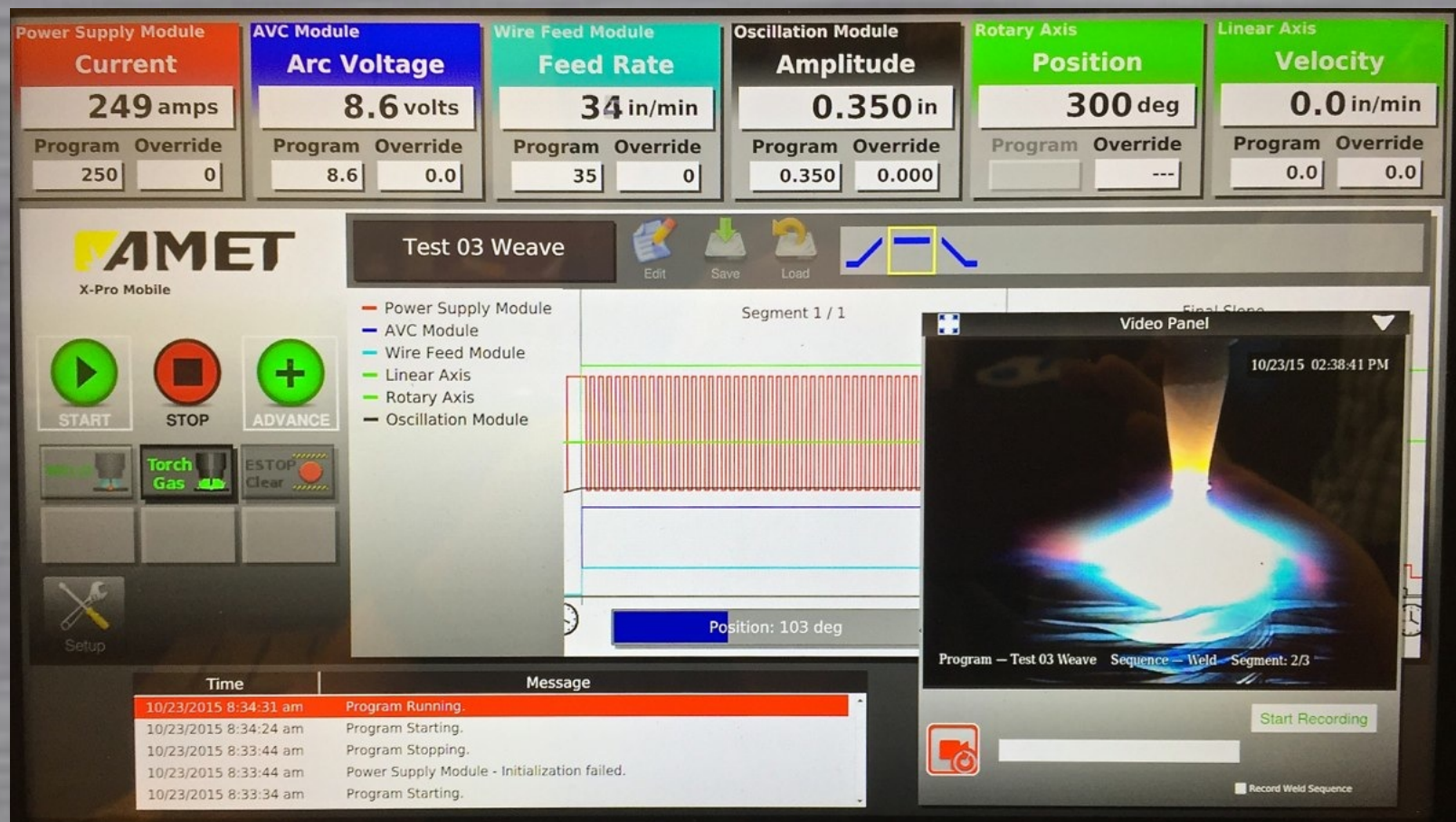
- Touch Screen Graphical User Interface
- Remote Operator's Pendant
- Fault Detection and Diagnostics
- Fully Integrated Motion Controls
- Fully Integrated Power Supply Controls
- Choice of Commercial Power Supplies
- Torch Water Cooler
- Fixture Configuration Software
- Four axis of motion control
- Fixed or Orbital Automation Capable
- Modular Construction
 - Interface Module (shown top unit)
 - Motion Control Module (shown center unit)
 - Weld Services Module (Shown bottom unit)

Options

- **Wireless** Operator's Pendant
- Networking Capabilities
- Data Acquisition Capabilities
- Pre and Post Weld Automation
- Complex Motion Control Software
- Arc View Video Integration
- Arc View Cameras and Water Cooler
- Additional Motion Control Module(s)
- Hot wire GTAW Capabilities



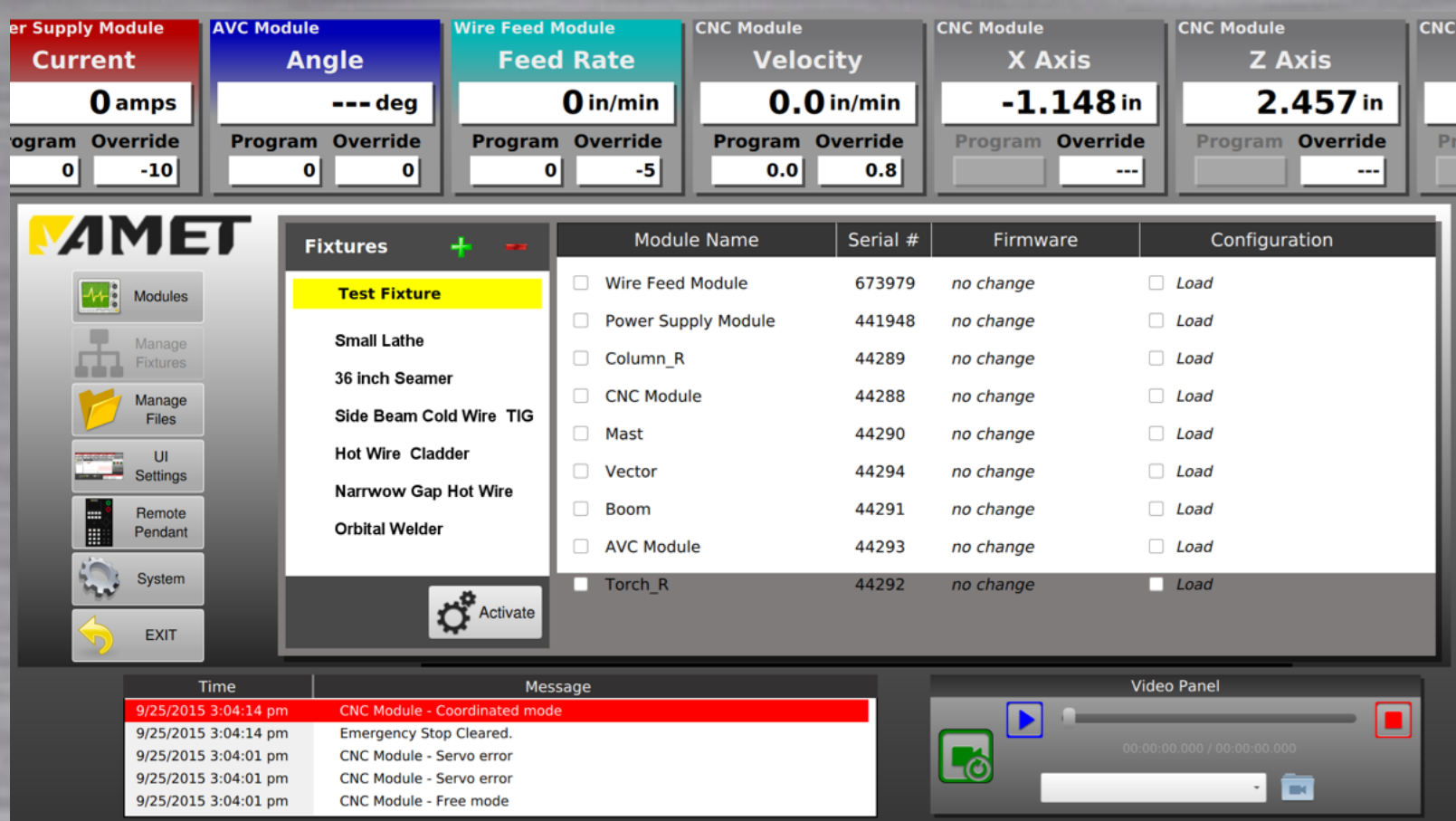
XPro User Interface



The XPro series controllers use a graphics based user programming interface for easy weld schedule creation, storage and management. Weld schedules are intuitively created using easily understood plain language.

Arc Viewing images can be overlaid onto the screen for easy viewing. The system can be set to automatically record and digitally store the arc viewing 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 used for the advanced automated welding systems AMET produces. As with our XM series, the XPro utilizes multiple processors, dedicated to each welding task, which are networked together. 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 X-Pro 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 monitoring, integrated video display windows, digital video recording (mp4 format), simplified connection to multiple filtering configurations, keyboard / touchscreen interface, and many others.



Over 2 Decades of Welding Automation Excellence