

Downtime Costs. **Get the System That Pays.** The PanelPRO+ by ARTomation.

The most sophisticated, yet simple panel painting system is here.

Preparing test panels and reference samples requires accuracy. Too thick or too thin a film can change the appearance of many coatings. In a test lab, flexibility and ease of use can save countless hours. The PanelPRO+ is specifically designed to provide the greatest flexibility and technical performance for the least amount of money in the market.

■ FEATURES AND BENEFITS

Precise:

The PanelPRO+ motion system uses heavy-duty precision servo drive motors, a unique non-slip cogged belt and digital control technology to deliver repeatable, accurate positioning to within thousandths of an inch. Voltage-to-pressure transducers provide precise spray gun control for perfect film deposition with any paint or coating.

Flexible

With a large 72"W x 60"H envelope and computer software which allows you to paint literally anywhere in that space, PanelPRO+ provides unparalleled flexibility for a single test panel or a large rack of panels. The 10" range of plunge depth provides a third axis of gun control allowing you to maintain the tool tip to part distance even with atomizers or guns of different lengths. An unlimited selection of preprogrammed flash times takes the guesswork out of flashing solvents and the stop watch out of your hands.

Tool Change Ability

Automatic tool changing for up to 6 bells or spray guns, with precision quick disconnects for all fluid and air lines, allows you to quickly duplicate your customer's exact spray equipment and conditions for a precise color match. Standard units available for 2, 4, or 6 spray guns or bells.

Easy to Use:

The Windows OS interface is intuitive and easy to use. The PanelPRO+ software allows complete control over all parameters such as gun motion, triggering, flow rates, atomization and shaping air, bell speed and KV with the click of a mouse or touch screen option. You can even export your recipe database to popular programs like Excel. Pre-programmed routines for horizontal and vertical reciprocators allow fast development.

Strong:

The 30 pound payload capacity of a PanelPRO+ is enough to carry multiple spray guns, an electrostatic bell, and all the cables and hoses needed for any spray paint job.

Fast:

With a standard gun tip speed of over 200 feet per minute, the PanelPRO+ can execute paint routines faster than any other test panel machine. The high speed allows for complex path programming to achieve unique patterns, improve coverage and coat three dimensional samples.

Durable:

A paint booth is an aggressive environment. The PanelPRO+ is built to perform. Its welded steel construction and solvent resistant design are built to be tough enough to withstand even the most aggressive paints, coatings and solvents used in any paint shop.

Explosion Proof:

Working with solvents is no problem with the PanelPRO+ XP explosion proof option.

PanelPRO+ is manufactured and assembled with pride in the USA and comes with a 1 year warranty against defects in manufacture or workmanship.



**Artomation PanelPRO+ System
and Touch Screen Controller**



Material	Component
Flash Time	2 (sec)
Exhaust Upper Line	4 (sec)
Exhaust Lower Line	10 (sec)
Paint	24 (sec)
Atomization Air	20 (sec)
Gun Air	20 (sec)
Red Film	15 (sec)
Gun 1 Angle	0°
Gun 2 Angle	25 (sec)

Standoff Distance
Sets the distance between the tip of the nozzle and the target to be coated (in).

For More Information Contact
sales@artomation.com

Or Call 440.234.1988
877.805.1126 Toll-free in the U.S.

ARTomation Corporate Headquarters
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PanelPRO+™

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Component Specifications

Controller

Size	24"x24"x55"
Frame Construction	Welded Steel on Casters
Touch Screen Controls	Motion & Process Variables
Software System	Windows OS
Controller User Interface	Touch Screen or Keypad & Mouse
Database	Catalogs and Recalls Test Settings
Controls	Gun Motion, Triggering, Flow Rate, Atomization Air Pressure, Fan or Shaping Air, Bell Speed, KV

Panel Painter:

3 - Axis - Standard	72" Horizontal Range 60" Vertical Range 10" Plunge
Automatic Tool Changer	2 to 6 bays
Gun types	Bells, Air-Spray, Electrostatic, and More
Payload	30lbs.
Tip Speed	2500"/per minute - standard (Up to 3500"/ per minute available)
Frame Construction	Welded Steel
Motor	Servo Drive

Options:

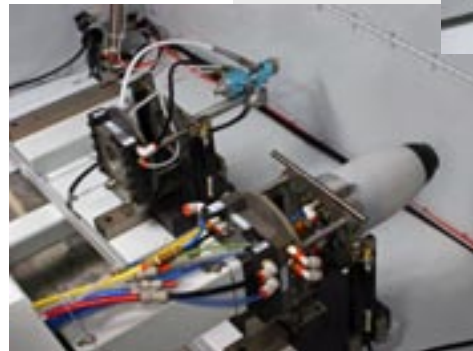
- Custom Stroke Length
- Precision Fluid Delivery System
- Automatic Color Change and Flush Routine
- Explosion Proof



Artomation uses heavy-duty servo motors for precise, repeatable motion. Explosion proof & dust tight wiring available.



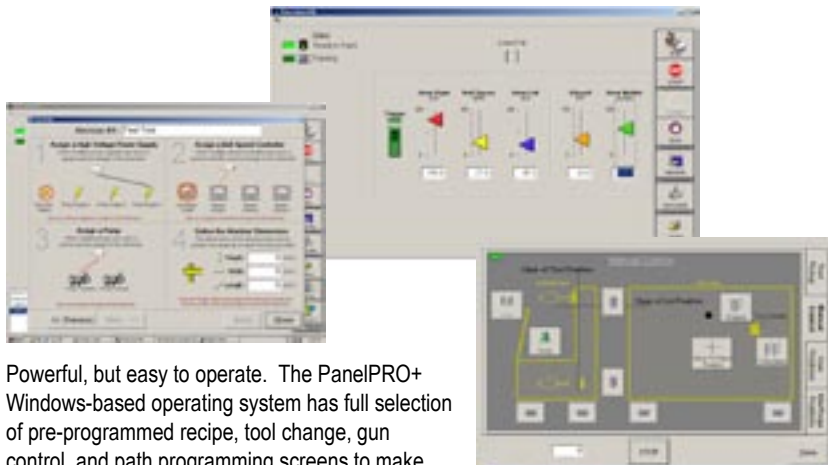
High quality, precise, and lightweight components like our linear slide mechanism and non-slip cogged belt make the PanelPRO+ robust and durable.



The PanelPRO+ offers the ability to automatically change between up to six different spray guns or bells quickly.



Pressure transducers allow digital control over all spray functions such as fluid, atomizing air & shaping air.



Powerful, but easy to operate. The PanelPRO+ Windows-based operating system has full selection of pre-programmed recipe, tool change, gun control, and path programming screens to make setup quick and easy for anyone.

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