

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: Small Footprint for Existing Booths

Available in a full range of sizes. Small enough to fit into an existing booth or large enough to accommodate a much larger spray window. The patented software technology allows you to maximize the use of your space. The PanelPRO provides unparalleled flexibility to coat a single test panel or a large 24" x 24" rack of panels. An unlimited selection of preprogrammed flash times takes the guesswork out of flashing solvent and the stopwatch out of your hands.

Easy to Use:

The Windows OS interface is intuitive and easy to use. The PanelPRO software provides complete control over all parameters like gun motion, triggering, flow rates, atomization or 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 reciprocation allows 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 aluminum and 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 option which provides explosion proof construction when needed.

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



Path #	Alphabetic	Category
	Motion	
	Flash Gun	2 (sec)
	Electrostatic Gun	4 (sec)
	Transfer Distance	10 (in)
	Transfer	24 (in/min)
	Paint	
	Atomization Air	25 (psi)
	Flow Air	25 (psi)
	Flat Film	15 (in/min)
	Gun Trigger	On
	Exit Air	25 (psi)

Standoff Distance
Sets the distance between the tip of nozzle and the target to be painted (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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Component Specifications

Controller

Size	24"x24"x55"
Frame Construction	Welded Steel
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 (for up to 2 Atomizers) Flow Rate, Atomization Air Pressure, Fan or Shaping Air, Bell Speed, KV

Panel Painter:

2 – Axis – Standard	48" Horizontal Range 48" Vertical Range
Payload	30lbs. (Single or Multiple atomizers)
Tip Speed	2500"/per minute – standard (Up to 3500"/ per minute available)
Frame Construction	Aluminum
Motor	Servo Drive

Options:

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



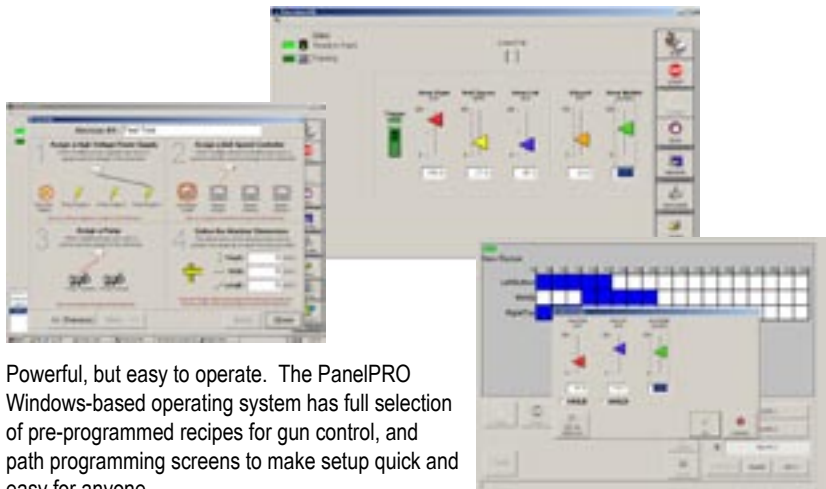
Heavy-duty servo motors for precise, repeatable motion. (Explosion proof & dust tight wiring available.)



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



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 recipes for gun control, and path programming screens to make setup quick and easy for anyone.

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