



FAQ's

Q. How difficult is it to use the Xiom 1000 system?

The gun sets up and is ready to spray within minutes. The gun, the control console and the powder feeder are "plug and play." All that's required are a tank of propane, oxygen and an air compressor providing 20 CFM @ 90 PSI of air.

Q. Is it time-consuming to change the color of the material

Changing spray color is a two-minute process: blow the hopper out with air and you're ready to go.

Q. Equipment needed

The Xiom provided equipment: spray gun, control console, powder feeder and hoses. A customer supplied air compressor fitted with air cooling and drying equipment as well as oxygen and propane is also required. Breathing protection is recommended. For spraying in enclosed tanks, a forced air respirator is required.

Q. How much propane and oxygen does the system use?

One 20-pound propane tank should last 20 hours. A 200 CFM "T" bottle of oxygen should last 8 hours. The oxygen consumption by stochiometric ratio is three units of oxygen to one unit of propane.

Q. What's the average flow rate?

25 ScFh - Oxygen
8 ScFh – Propane

Q. In addition to the nozzle that comes with the gun, are different nozzles available?

There is a 1" to 3" oval nozzle and a 4" fan spray nozzle.

Q. How much area can be sprayed?

Not including surface preparation time, under optimal conditions, the Xiom 1000 system can cover 800 to 1,000 square feet a day. The coverage rate may vary based upon the type of substrate and ambient environmental conditions.

Q. How often do parts need to be replaced?

The nozzle must be replaced every four to six months. Everything else in the front end of the gun needs replacement once a year. For all other parts, normal wear and tear in deployment would be more likely than damaged parts in the actual spray process. In other words—maintenance costs are very low.

Q. Does Xiom offer any warranties?

One-year warranty on all parts and equipment.

Q. How much does it cost to purchase a system and materials?

Please give us a call (787-263-9233) for current prices.

Q. How does Xiom's plastic coating compare to traditional powder coating?

Our cost is about one third that of powder coating on a per square foot basis. However, powder coaters can do many more square feet at the same time by utilizing their large oven facilities. One good comparison can be seen with electrical conduit. Xiom is automating the spraying of electrical conduit for powder coaters who now do this with their oven set process. Xiom's process can put down 40 mils instantly. The oven process is a three-cycle in-and-out-of-the-oven process. For spray applications, the Xiom 1000 is the best. For coat hangers, for example, powder coating would be advantageous.

Q. Is it difficult to learn how to use the system?

A good man after three days of training class can develop a basic level of proficiency. Further practice and experimentation to develop the appropriate skill for more complex applications may be required.

Q. Is there any instruction or training available?

Every Xiom 1000 system comes complete with an equipment and coatings manual. In addition, a three day training class, is included in the price of the Xiom system purchase. In the future, Xiom intends to make available a training institute to provide instruction in advance application techniques as well.