



TAKE CONTROL OF YOUR POWDER CLOUD... WITH GEMA.

Controlling your powder spray cloud is crucial to your powder coating process for many key reasons – one of them being **UNIFORM COVERAGE**.

Uniform powder coverage is one of the most important indicators of a well-optimized coating process. When your powder spray cloud is stable, properly atomized, and precisely controlled, powder is distributed evenly across the part/product surface and goes exactly where it's needed - delivering consistent material usage, superior finish quality, and measurable cost savings.



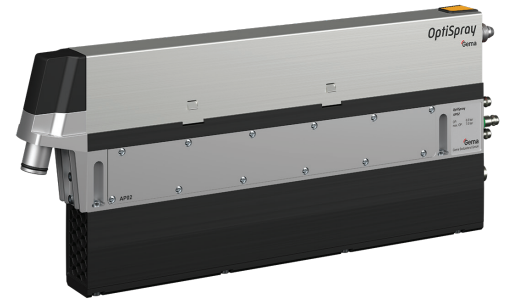
Your powder coating thickness within a desired spec is critical - if too little, it leads to poor corrosion protection and appearance issues; if too much, it causes orange peel appearance and poor fitment between components. Plus, you're wasting money since too much coating adds no value.



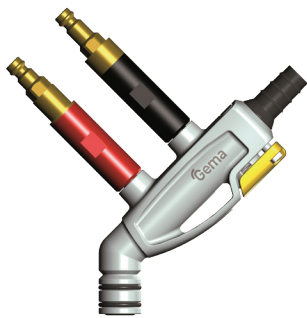
ARE YOU SEEING VARIATIONS IN THE FILM THICKNESS?

ARE YOUR OPERATORS CONSTANTLY ADJUSTING SETTINGS?

A controlled powder cloud performs with predictability from a consistent application process within your quality specifications. Achieving uniform coverage requires a balance of electrostatic performance, powder delivery consistency, spray pattern control, and overall system stability.



- Electrostatic charging affects how powder particles disperse and adhere to grounded parts.
- Uniform coverage depends on reliable powder delivery from the feed system to the spray gun.
- Different part geometries require different spray patterns so proper nozzle selection is needed.
- Electrostatic attraction and booth airflow stability influence spray cloud behavior.

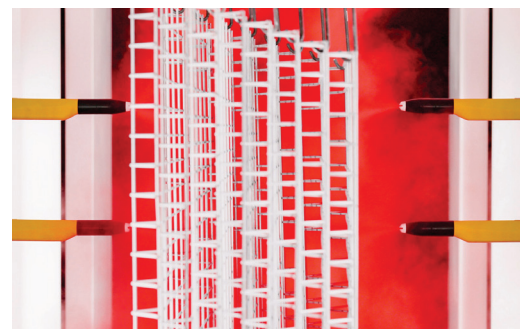


HOW MUCH POWDER ARE YOU RECLAIMING?

DO SPECIFIC SPOTS REQUIRE FREQUENT TOUCH UP OR REWORK?

We're not just selling powder guns. We deliver systems and technologies that allow you to control the powder cloud. And when You Control the Cloud, you control the quality, time and cost of the finish. **You control the RESULTS.**

- Higher first-pass production yield
- Reduced rework from imperfections or rejects
- Improved coating productivity and transfer efficiency
- Lower powder consumption
- More predictable production line process



Contact us at **877.437.6771** or **powdersales@gema.us.com**