

# QC Series Powder Coating Booths



The QC Series of Powder Coating Booths are designed to optimize powder application onto a variety of parts or test panels within a laboratory or small shop environment. They feature industry specified capture velocities to contain powder within the booth and prevent powder drift into the local environment. There are two versions of the QC booth, the QC1000 and QC500. Both versions include a VFD on the fan motor for transfer efficiency optimization and powder containment.

## Large Spray Chamber

- Free-standing & portable features make this booth robust to diverse powder coating applications.
- 10 gauge powder coated steel body, industrial construction, low noise & vibration for long life
- Clear polycarbonate roof and side panels improve visibility from exterior lighting (by others).
- Robust construction minimizes noise levels and vibration, creating a pleasant work environment.



## UL CONTROL PANEL

- Prewired and factory tested control panel houses all featured, safety contacts, switches, interlocks & controls
- Minihelic static pressure gages display dynamic condition of both primary and final filters.
- VFD controls air flow to enhance filter life, maximize transfer efficiency and reduce energy use.

## USER FRIENDLY

- Setup, maintenance, and cleaning are fast and efficient due to the minimal footprint and clean, open design.
- A shelf adjacent to the part opening accommodates mounting of the powder coating control unit.
- Optional internal and external powder feed, fluidizer and injector hardware.



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	QC500	QC1000
VENTILATION RATE (CFM)	500 CFM	1000 CFM
SPRAY CHAMBER (Wide x High x Deep)	30" x 30" x 20"	40" x 40" x 26"
OVERALL DIMENSIONS (Wide x High x Deep)	48" x 82" x 42" (Nominal)	72" x 78" x 54" (Nominal)
POWER REQUIREMENTS (other voltages optional)	120 V. , 1 Ph., 60 Hz. (15 amp service)	120 V. , 1 Ph., 60 Hz. (25 Amp service)

### OPTIONAL POWDER GUN SYSTEMS

GX7500L



**Pulse Power**



GX8500A-L



**SP**  
Super Pulse Power



### ABOUT PULSE POWER

Parker Ionics' Pulse Power Advanced Corona Charging Technology is the only corona charging method offering superior powder penetration and a quality finish coupled with excellent transfer efficiencies. Pulse Power improves overall gun performance and transfer efficiencies using the time proven Pulse Width Modulation (PWM) technology to turn the charge to the electrode on and off multiple times per second. This continuous pulsing of the high voltage effectively reduces the overall current flow which, in turn, reduces the creation of excess free ions. The rapid pulsing of the charge at high voltage allows for high efficiency charging of the powder and improves powder penetration into Faraday Cage areas without the detrimental effects of excess free ions. Reducing free ions also minimizes back-ionization for an even smoother, higher quality finish.