

Plasma Powders & Systems, Inc. PPS PF-700 Powder Feeder

The **PPS PF-700** Powder Feeder is specifically designed for thermal spray coatings. Its small size makes it a portable powder feeder, which can be carried to site for job work. The unit is controlled to extremely precise and repeatable feed rates. This feeder operates on a volumetric feed principle. At the bottom of the pressurized canister, there is metal disc (slotted wheel) mounted off center with respect to the canister. A given volume of powder fits into each slot and as the disc rotates past the exit port, the powder is fed into the powder hose and then to the spray gun by an inert carrier gas. Feed discs are available for coarse or fine powders.

This unit is compatible with numerous combustion powder spray guns or HVOF systems.

Technical Specifications:

- Canister Capacity: 700 CC
- Canister Dimensions: 3.5" W x 6.75" H
- Cabinet Dimensions: 13" H x 14" W x 15" D
- Electricity: 110v Standard, 220v Avail.
- Weight: 70 lbs



All of our Powder feeders are easy to maintain. The powder hopper (canister) is mounted on a hinged plate which allows users to easily remove excess powder and clean the interior. Separate powder feed and carrier gas controls make it simple to clear excess material throughout the spray system. Remote operation switch can be added to any gun.

Spare parts, design and technical assistance are readily available.

Please contact Plasma Powders to discuss all of your Thermal Spray needs.