

# Plasma Powders & Systems, Inc.

## Powder Jet 86

### Complete Powder Thermal Spray Solution



**PowderJet 86** is a production tool designed to provide economic and consistent, high quality coatings. Simplicity of design, reliability and ease of operation and maintenance are key factors to many successful installations. A consistent and accurate supply of powder is fed from the PF-2810 Powder Feeder to the gun allowing you to mount or manually spray in virtually any position without affecting the powder feed rates. Most thermal spray powder based materials can be sprayed using the Powder Jet 86, including metals, ceramics and plastics. Extensions of various lengths are available for ID/Bore coatings.

#### **Powder Feeder (PF-2810)**

Ideally suited for production, job-shop and research, the PF-2810 Powder Feeder is accurate and robust. Based on a volumetric feed principle and using a digital RPM meter showing powder feed wheel speed, users can easily tune in and repeat exact feed rates. A powder canister pressure relief valve provides for safe operation. All electrical cables and a 10 foot powder feed hose are supplied.



#### **Flow Meter and Regulators**

Gas flow meters which control and monitor fuel gas and oxygen flows are included as well as special high pressure regulators with pressure gauges for Fuel, Oxygen and Carrier gas. Non-return valves are provided for Oxygen and Fuel gases.

An **Air Control Unit** with two filters, regulated or non-regulated compressed air outlets and a differential air pressure flowmeter. Filters are replaceable.

Standard 15 foot **Hoses** are included for Oxy/Fuel and Air.

See it on youtube: [PowderJet-86](#)



#### **Plasma Powders & Systems, Inc.**

228 Boundary Road P.O. Box 132  
Marlboro NJ 07746

Email: [info@plasmapowders.com](mailto:info@plasmapowders.com)

Web: [www.plasmapowders.com](http://www.plasmapowders.com)

Phone: (732) 431-0992

Fax: (732) 308-1075