### Features

- **Closed-loop pressure control**
- **Built-in mass flow metering**
- **Optional Integration Package**
- **Dual Powder Fluidizing Units**
  - Continuous operation
  - Dual-layer/composition coatings
- **Multiple gas compatible**
  - He, N₂ & mixtures

### KM Nozzle

- **Friction Compensated**
- **Patented Sonic Design**
- **Long-Life Cemented Carbide**
- Max. Gas Temp: 1400°F (760°C)

### Thermal Conditioning Unit

- **Nozzle Integrated, 3.8kW**
- **Stainless Steel Powder Injection Tube**
- **Powder/PreHeater Mixing Chamber**
- Light-Weight, Low Thermal Inertia

### Dual Powder Fluidizing Units

- **Patented Brush-Sieve Design**
- **Light-weight pressure vessel**
- **Proven Consistent Feed Rate**
- **Powder Size: 500nm - 50µm**
- **Feed Rate: 1-100g/min**
- **Powder Mass Flow = Gas Mass Flow**

### Pressure/Mass Flow Control

- **Low Pressure Operation: 395 - 895kPa**
- **Low Gas Flow Rate**:
  - He: 620slpm max
  - N₂: 225slpm max
- **He/N₂ blend**:
  - 275slpm/55slpm max
- **Low Inlet Pressure: 1MPa**
- **High Accuracy Mass Flow Controllers**
- **High Performance PID Algorithm**

### KM System Control

- **UL Listed • NFPA 70 • ANSI/RIA R15.066**
- **Fully Integrated Control Software**
- **Optional Integrated Robot Control**
- **Optional Dust Collector Interface**
- **Real-time Human-Machine Interface**
- **Full Parameter Data Logging 1/sec**
- **Quality Technical Support**

### KM Process Display

- **Localized User Display (Any Language)**
- **Supervisor Mode:**
  - Real Time Process Parameter Change
  - Recipe Creation
- **Operator Mode:**
  - Recipe Load and Run
- **ISO - 9000 Report Archives**